



AHSC 5N01 FAHS Grad  
Library Seminar 2  
Fall 2023

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Ian Gordon, Teaching & Learning Librarian



Brock University Library



Nicole Stradiotto, Data Services Librarian



Brock University Library

# Library Seminar 2 Agenda

- Introduction to Research Data Management - Nicole
- Review of October 30<sup>th</sup> Homework - Ian
- Help with Writing Resources - Ian
- Where, how and when to get help!

<https://researchguides.library.brocku.ca/HLSC>

[Library](#) / [Research Guides](#) / [Health Sciences](#) / Welcome

## Health Sciences

**WELCOME**

ARTICLES

BOOKS


GREY LITERATURE

DATA


BORROW FROM OTHER LIBRARIES

ADDITIONAL COURSE GUIDES

### Need Help?



Contact us at [libhelp@brocku.ca](mailto:libhelp@brocku.ca) or find more library help on our [Research Support](#) page.



# Health Sciences

## What is this guide for?

This guide has been designed as a general program guide and is curated by [Brock librarians](#). It features links to most often used resources such as databases for books, peer-reviewed journal articles, theses, dissertations, open educational resources (OEDs), patents, standards, and more. Use the tabs on the left to navigate through the web page.

Selective course-related guides are provided when appropriate every term.

HLSC Library Seminar: Literature Reviews: Strategies and Resources to be Successful! (June 2023) ppt [slides](#) (PDF) & [video](#).

[Doing a Literature Review in Health and Social Care: A Practical Guide](#) (2023)


HLSC 2P00 Library Seminar ppt [slides](#) (PDF)

AHSC 5N01 FAHS Grad Students Library Seminar October 30 ppt [slides](#) & homework [questions](#) (PDF)

AHSC 5N01 FAHS Grad Students Library Seminar November 6 ppt [slides](#) (PDF, including Nicole's RDM presentation)

## Attribution


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# Library Seminar 2 Agenda

- Introduction to Research Data Management - Nicole
- Review of October 30<sup>th</sup> Homework - Ian
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- Where, how and when to get help!





# Intro to Research Data Management

Nicole Stradiotto  
Data Services Librarian  
November 2023

# [whose.land](https://whose.land)

The screenshot displays the 'whose.land' web application. On the left is a light blue sidebar with a hamburger menu icon at the top. Below it are navigation links: 'Map' (with a location pin icon), 'Where am I?' (with a person icon), 'Learning' (with a book icon), and 'List' (with a list icon). Further down are links for 'About', 'Why Acknowledge?', 'FAQ', and 'Contact Us'. At the bottom of the sidebar is a 'Language: English' dropdown menu. The main area features a map of Ontario with various colored overlays representing Indigenous territories. A pop-up window is visible over the Haudenosaunee territory, displaying the name 'Ho-de-no-sau-nee-ga (Haudenosaunee)' and the word 'Wenrohonon'. Below the map is a 'View In Map:' section with six icons and labels: 'Treaties & Agreements' (handshake icon), 'Territories by City' (city skyline icon), 'Indigenous Communities' (group of people icon), 'Territories by Land' (map of Ontario icon), 'Residential Schools' (schoolhouse icon), and 'Leadership Stories' (people walking icon). The bottom right of the map area includes a Google logo, map data copyright for 2023, and links for 'Terms' and 'Report a map error'.



## OVERVIEW

1. What is RDM?
2. Why do RDM?
3. How do RDM?

Task #1: Data Management Plans

Task #2: Data Deposit (if non-sensitive)

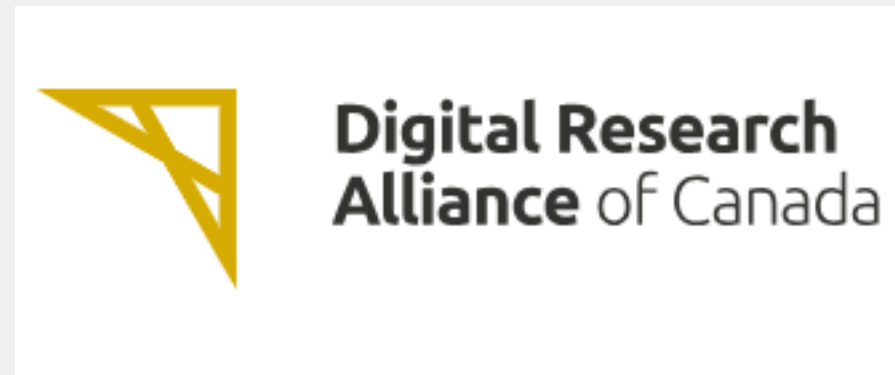
4. Where to learn more about RDM
5. RDM Exercise



# What is Research Data Management?

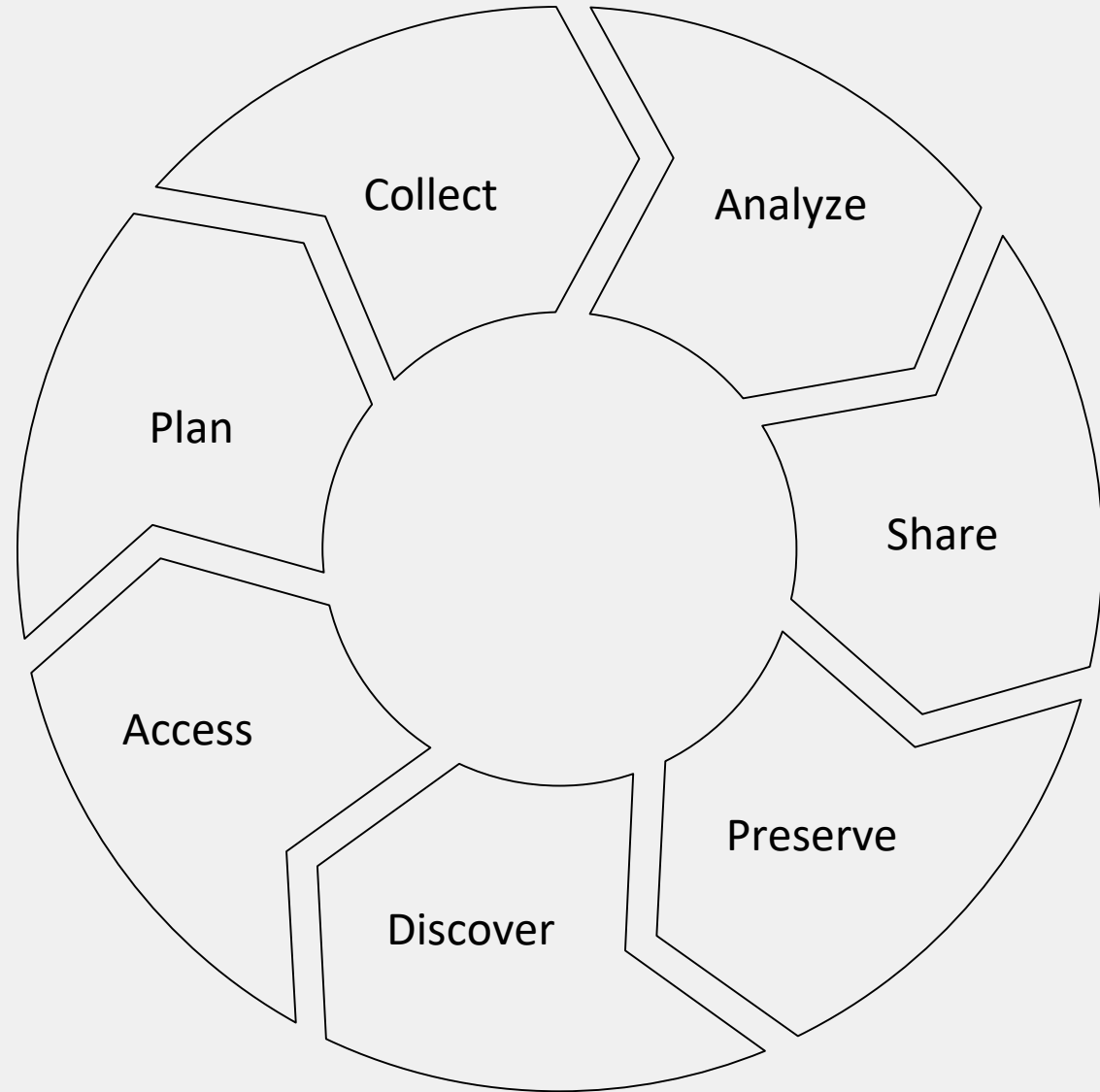
## Definition

“It encompasses the processes applied throughout the lifecycle of a research project to guide the collection, documentation, storage, sharing, and preservation of research data, and allows researchers to find and access data.” -[DRAC](#)



## RDM, DEF'N

Being smart & ethical with your data  
throughout the research life cycle



## Concretely

1. Data Management Plan
2. Data deposit (is your data in any condition to deposit?)





Why do I have to do  
good RDM?

Why? To communally improve research quality

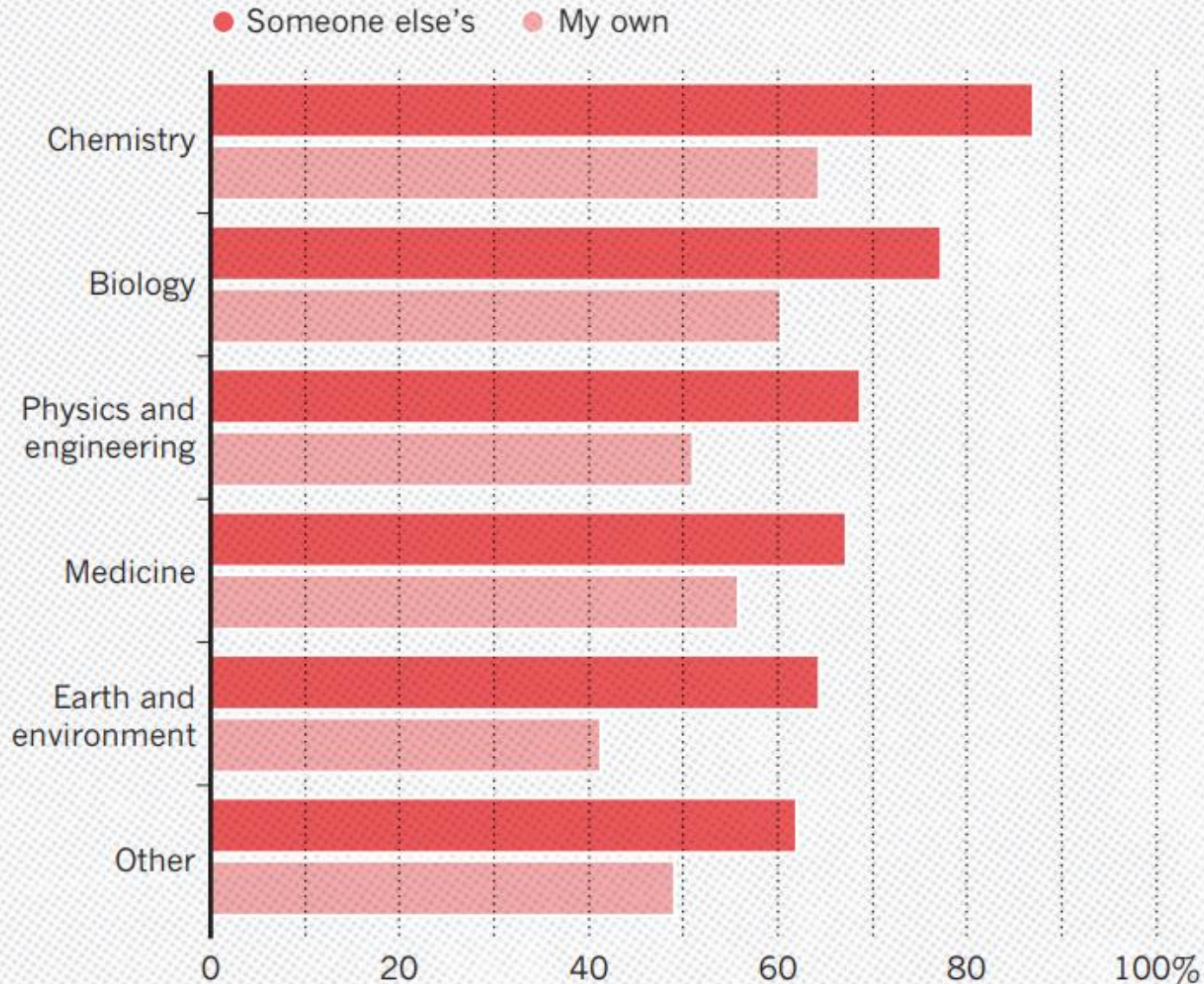
Research should be

- **Reproducible** - repeat the research, same data
- **Replicable** - repeat the research, different data
- **Traceable** - no undocumented changes to data



## HAVE YOU FAILED TO REPRODUCE AN EXPERIMENT?

Most scientists have experienced failure to reproduce results.



## The Reproducibility Crisis

[Read more here](#)

Baker, 2016



## University investigation found prominent spider biologist fabricated, falsified data

Co-authors of now-retracted papers from Jonathan Pruitt were sent summarized findings that the scientist violated McMaster University's research integrity policy

11 MAY 2023 • 7:20 PM ET • BY [CLAUDIA LÓPEZ LLOREDA](#)



## Falsification Monitoring

[Read more here](#) a  
and [here](#)



WBFO

[NEWSLETTERS](#) [SIGN IN](#) [NPR SHO](#)[NEWS](#) [CULTURE](#) [MUSIC](#) [PODCASTS & SHOWS](#) [SEARCH](#)

PLANET MONEY

[LISTEN & FOLLOW](#)

## Fabricated data in research about honesty. You can't make this stuff up. Or, can you?

July 28, 2023 • 4:15 AM ET



## Falsification Monitoring (cont) - data not traceable

But recently, questions have arisen about whether the data Ariely and Gino relied on in their famous paper about honesty were fabricated — whether their research into honesty was itself built on lies. The blog Data Colada went looking for clues in the cells of the studies' Excel spreadsheets, the shapes of their data distributions, and even the fonts that were used.

was the first author and Pruitt a co-author. “There were an unexpected number of duplicate values that I had never previously noticed,” she shared, going on to explain that because Pruitt could also not explain the anomalies in the data, their findings—on the social behavior of ants—were ultimately unsupported by data.



## More altruistic reasons

- Enables large-scale analyses (data linkage)
- Reduces data collection (esp. strain on participants)
- Enables future methods that don't yet exist to be applied to the data
- Enables otherwise unlikely collaborations

## Why? For your career

- Citations - across research fields, papers indicating available data are cited on average **25% more** (Colavizza, 2020)
- Moving toward datasets creating **additional citations, as distinct publications**
- Good data management plans = **keep you current on**
  - current tech,
  - methodological rigour
  - ethical practices

## Why? Convergence of policies, requirements, mandates

- Tri-Agency
  - [New RDM Policy 2021](#)
- Other funders
  - NSF and NIH have similar guidelines
- Journals
  - Availability statements
  - Data Sharing Requirements (DSRs)
- Brock (RDM Institutional Strategy, Institutional policies may be forthcoming)

... Policy situation is similar to early open access movement, but without the major opposition of publishers blocking the way

## Tri-Agency RDM Policies

The Tri-Agency has created a [Research Data Management Policy](#) that has three main components.

1. Data management plans (DMPs) [for researchers](#) (piloting for [these grants](#))
2. Institutional strategies for institutions (launched):
3. Data deposit [for researchers](#) (pending):



# Data Management Plans (DMP)



## What is a DMP?

A DMP:

- Is a formal document which clearly articulates the strategies and tools you will implement to effectively manage your data
- Both during active research phase and dissemination phase
- Feels a lot like an ethics app

The objective of a DMP is to address issues related to data management prior to starting your research project!

KEY RESOURCE, DMP prep:

[DMP Assistant](#)



## General tips

- **Avoid disciplinary jargon** - should be easily understood by anyone, your reviewer may be from a different discipline.
- Do not leave sections or questions **blank**
- **Provide rationale** for your decisions wherever possible.
- It is a **living document**

The first one is the worst

- If you have similar research projects, in particular
- You can **copy or clone** existing projects in DMP Assistant

Notice: Signed in successfully.

### My Dashboard

The table below lists the plans that you have created, and that have been shared with you by others. You can edit, share, download, make a copy, or remove these plans at any time.

Search

Project Title	Template	Edited	Role	Test	Visibility	Shared	Actions-
Portage DMP Exemplar - "Mixed Methods"	University of Alberta Template	03-03-2021	Owner	<input type="checkbox"/>	Private	Yes	Actions-
Test	Portage Template	03-03-2021	Owner	<input type="checkbox"/>	Private	No	Actions-
Test for migration to 2.0	University of Alberta Template	02-03-2021	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (Portage Template)	Portage Template	05-11-2020	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (University of Alberta Template)	University of Alberta Template	01-10-2019	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (Portage Template)	Portage Template	13-09-2019	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (Portage Template)	Portage Template	16-04-2019	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (University of Alberta Template)	University of Alberta Template	29-08-2018	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (University of Alberta Template)	University of Alberta Template	17-11-2017	Owner	<input type="checkbox"/>	Private	No	Actions-
My plan (Portage Template)	Portage Template	28-09-2017	Owner	<input type="checkbox"/>	Private	No	Actions-

[View all](#)

Create plan

1 2 Next Last

Actions-

Edit

Share

Download

Copy

Remove

There are many discipline and methodology-specific [templates](#)...so far!

- Advanced Research Computing
- Arts-Based Research
- Interdisciplinary Health Software/Technology Development
- Mixed Methods (Surveys & Qualitative Research)
- Qualitative Health Sciences Research
- CRDCN: Accessing Data from Research Data Centres
- CRDCN: Research Data Centres and External Analysis
- History and the Humanities
- Neuroimaging in the Neurosciences
- Open Science Workflows
- Studying Molecular Interactions
- Systematic Reviews
- Water Quality Research



The **NIH** has developed some [example plans](#)

## Sample Plans

NIH has provided sample DMS Plans as examples of how a DMS Plan could be completed in different contexts, conforming to the elements described above. These sample DMS Plans are provided for educational purposes to assist applicants with developing Plans but are not intended to be used as templates and their use does not guarantee approval by NIH.

Note that the sample DMS Plans provided below may reflect [additional expectations](#) established by NIH or specific NIH Institutes, Centers, or Offices that go beyond the DMS Policy. Applicants will need to ensure that their Plan reflects any additional, applicable expectations (including from NIH policies and any ICO- or program-specific expectations as stated in the FOA).



Sample	Description	NIH Institute or Center
<a href="#">Sample Plan A</a>	Clinical and/or MRI data from human research participants	NIMH
<a href="#">Sample Plan B</a>	Genomic data from human research participants	NIMH
<a href="#">Sample Plan C</a>	Genomic data from a non-human source	NIMH

Research varies a lot - one of those templates/ examples might not fit for you. Try CalTech [DMP Examples](#)

Search to find one on your topic - already 184 in there at the time of writing

## Example DMS Plans

The example DMP directory was compiled from researchers, institutions, libraries and workgroups who shared their data management plans online from 2012-2022. This directory is intended to help researchers comply with the new NIH policy and will not be updated after publishing.

Show  entries

Search:

Date	Title of	Author/PI	Institutional	Funding	Direc
------	----------	-----------	---------------	---------	-------





# Data Deposit

## How do researchers share data?

- Through email
- Through a researcher's personal website
- On a journal website
- **Data repository** (non-sensitive data, mostly open)
- **Data enclave** (stores confidential/ sensitive data, mostly closed)\*

\*[National Library of Medicine](#)

## TYPES OF REPOSITORIES

1. Thematic
2. Institutional
3. Generalist



Brock Dataverse

## Criteria

1. Thematic (esp. re: metadata standards)
2. Mandates, cost and/or eligibility
3. Discoverability (ORCID, DOIs)
4. Data size
5. Hosting location
6. Security

The logo for ORCID, featuring the word "ORCID" in a sans-serif font. The letters "ORCID" are in a light gray color, and the letter "i" is in a bright green color.




Is there a thematic repository/ data community?

How do I decide which repository type to use?

- Is there a domain-specific repository supported by your discipline?
  - If yes, this may be the best place to store your data as these are often purpose-built to serve specialized disciplinary needs.<sup>2</sup>

Page 3, Portage Canada [Guide to Repository Options in Canada](#) (2019), a lot of info in this report is a bit outdated now but this principle remains sound

# Flybase




# FlyBase

FB2022\_01, released February 8, 2022


A Database of *Drosophila* Genes & Genomes

[Home](#) [Tools](#) [Downloads](#) [Links](#) [Community](#) [Species](#) [About](#) [Help](#) [Archives](#) J2G ▾ Jump to




**D.melanogaster**  
**D.virilis**  
**A.mellifera**

BLAST




JBrowse




ON  
OFF

RNA-Seq



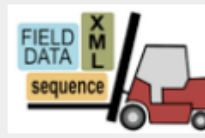
GO  
PHENOTYPE  
ANATOMY  
DISEASE  
MORE

Vocabularies



ID!  
ID

ID Validator




FIELD  
DATA  
sequence

Batch Download

### Tweets by @FlyBaseDotOrg

FlyBase Retweeted

 **Alliance of Genome Resources**  
@alliancegenome

The new Alliance paper is out!  
Harmonizing model organism data in the  
Alliance of Genome Resources  
[academic.oup.com/genetics/advan...](https://academic.oup.com/genetics/advance-article-abstract/doi/10.1093/genetics/abz001/5481001)

### External Resources

- **News and Outreach**
- **Drosophila Journals and Protocols**
- **Tool/Reagent Resources (wiki)**

Please **PAY** your YEARLY website access fee! (annual renewal is a

The NHGRI is reducing the funding of FlyBase by 50% next year. We are calling on you to help with a **FlyBase website access fee of \$150.00 PER person / PER year.**

**Questions?** See this [FAQ](#) or [email us](#). *Optional general tax-deductible contributions [here](#).*

### QuickSearch

[Human Disease](#) [Protein Domains](#) [Gene Groups](#) [Pathways](#) [GO](#) [Data Class](#)

[Search FlyBase](#) [Homologs](#) [GAL4 etc](#) [Expression](#) [Phenotype](#) [References](#)

Everything ▾

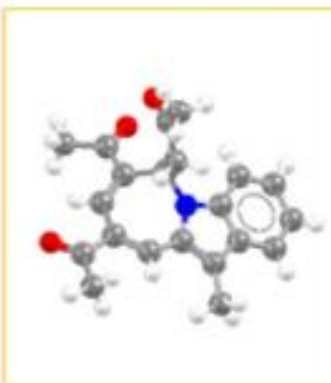
Click [here](#) to submit multiple IDs/symbols.

Note: Wild cards (\*) can be ad

# Cambridge Structural Database

## Organic

- Drugs
- Agrochemicals
- Pigments
- Explosives
- Protein ligands

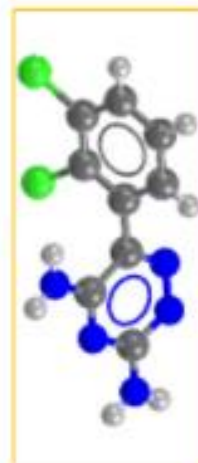
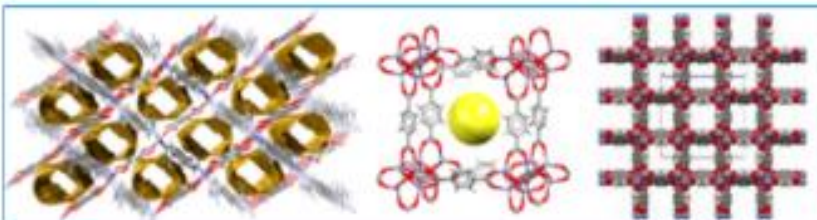


## Additional data

- 10,860 polymorph families
- 169,218 melting points
- 840,667 crystal colours
- 700,002 crystal shapes
- 23,622 bioactivity details
- 9,740 natural source data
- > 250,000 oxidation states



## Metal-Organic

- Metal Organic Frameworks
- Models for new catalysts
- Porous frameworks for gas storage
- Fundamental chemical bonding




## Links/subsets

- Drugbank
- Druglike
- MOFs
- PDB ligands
- PubChem
- ChemSpider
- Pesticides




[Workspace](#) [Learning Center](#) [NHERI Facilities](#) [NHERI Community](#) [News](#) [Help](#)



## FIU Receives \$12.8M NSF Grant to Design an Extreme Wind, Surge and Wave Testing Facility

NSF has awarded \$12.8M to Florida International University's Extreme Events Institute to support the design of a national full-scale testing facility capable of wind, storm surge, and wave action.

 **Browse**

### Data Reuse

View metrics and data about how research data is used.

[READ ABOUT DATA REUSE](#)

### Training & Events

MARCH 20-23, 2022

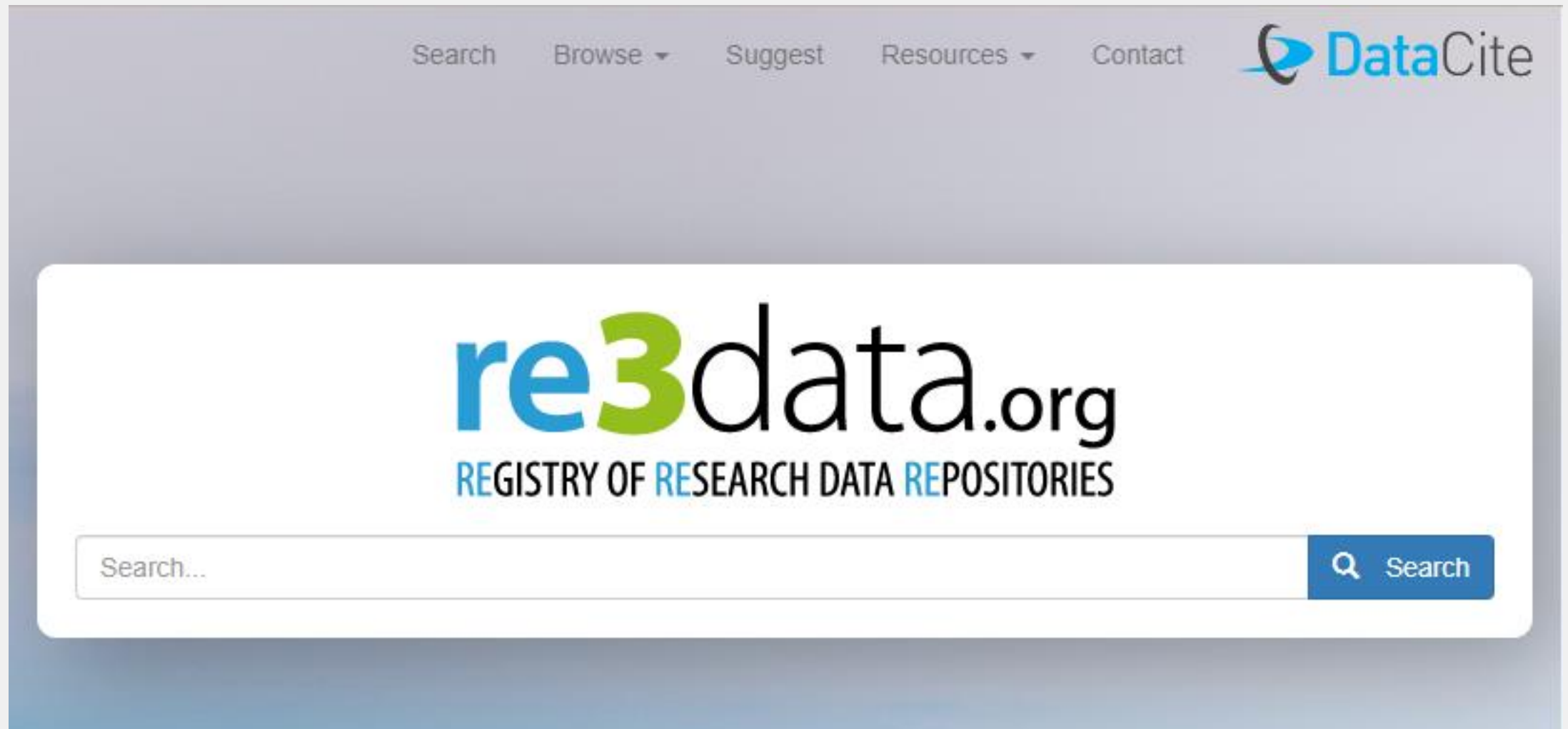
ASCE Geo-Conference

MAY 17-19, 2022


14th Americas Conference on Engineering




DISCIPLINARY/ SUBJECT REPOSITORIES  
(search [re3data.org](https://re3data.org))



# BROCK DATAVERSE

 **borealis**



Brock University Dataverse


(Brock University)


Borealis >


Search this dataverse...

Q

Advanced Search

☒  **Dataverses (9)**

☐  **Datasets (25)**

☐  **Files (110)**

**Dataverse Category**

Research Group (2)

Research Project (2)

Researcher (1)

**Publication Year**


2023 (1)

2022 (4)

2017 (1)


1 to 9 of 9 Results

Sort




[Nutrition, Bone and Oral Health Research Group \(WE Ward\) Dataverse](#) (Brock University)  
Mar 10, 2023

This dataverse includes datasets resulting from our research group. These datasets are part of student theses, original research papers, scoping reviews, systematic reviews and meta-analyses as well as unpublished research.



[OSC3 - Cover Crop Review](#) (Brock University)  
May 3, 2022 [Organic Science Cluster 3](#)

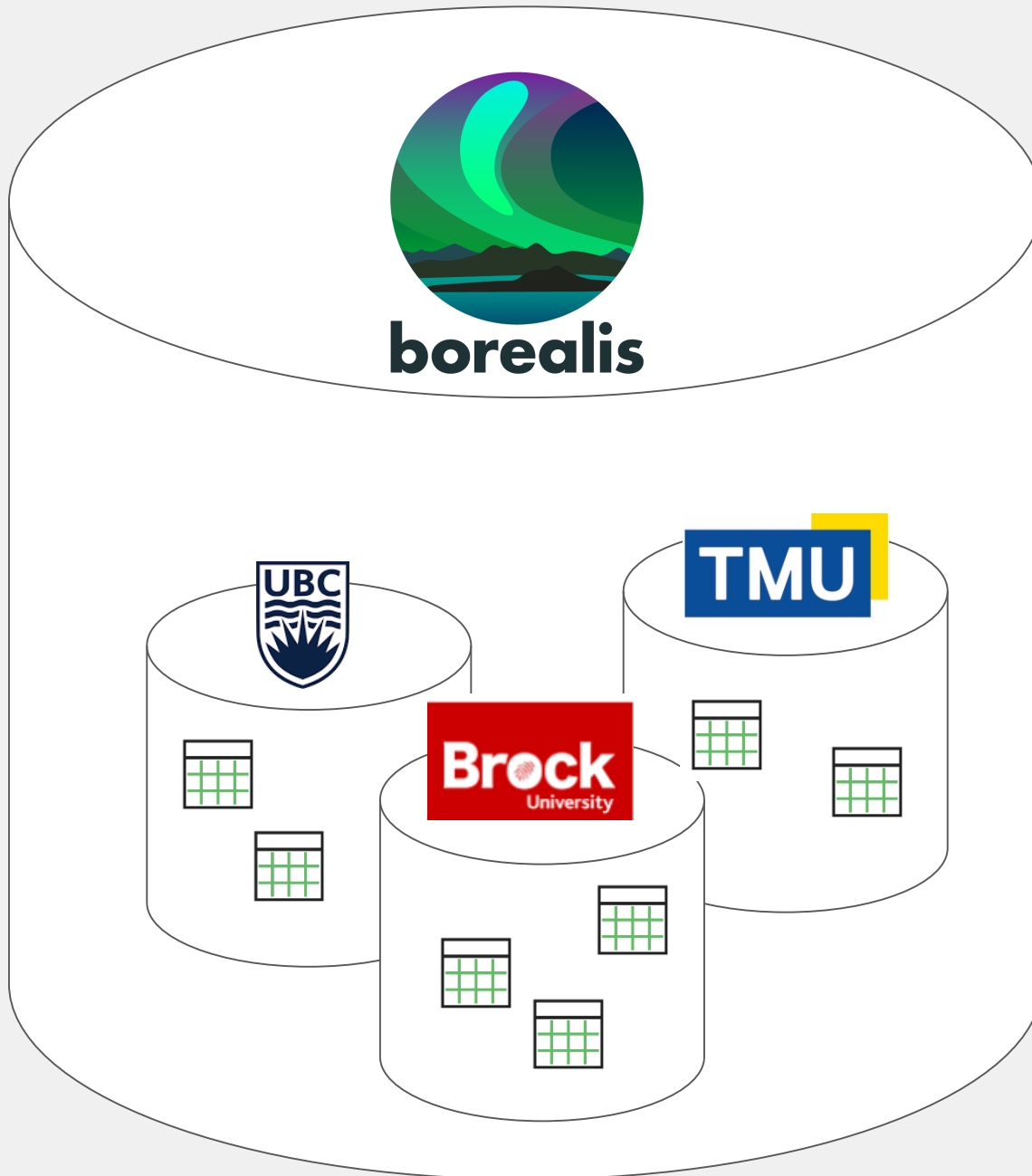
A literature review undertaken as a part of the Organic Cluster 3 project. This review will have two primary objectives. The first objective is to review the current literature to assess the roles of cover crops in vineyards (taking into consideration current reviews). The second...



[Organic Science Cluster 3](#) (Brock University)

40






Borealis is organised by Canadian institution.

It contains other repositories (n=~60) run by research institutions

When an institution joins, it gets its own repository, which it administrates.

Scholars Portal **Dataverse**

Search ▾ User Guide Support English ▾ Log In




Lakehead University Dataverse (Lakehead University)


Scholars Portal Dataverse >


Contact Share

Lakehead's Dataverse is a free research data repository for our faculty, students and staff. The platform makes it possible for researchers to deposit data, create appropriate metadata, obtain DOIs for permanent links, and maintain version control of their datasets. All files are held in a secure environment on Canadian servers. Researchers are encouraged to make their data available publicly, but can choose to restrict access to their data if they wish.

Search this dataverse... Find Advanced Search

☒  Dataverses (1)

☒  Datasets (6)

☐  Files (13)

Publication Year

2021 (3)

2020 (1)

2018 (1)

2014 (2)

Author Name

Dang, Qing-Lai (1)

Dang, QingLai (1)


Davidson, Moira (1)

Hollings, Peter (1)

Jiao, Changquan (1)


1 to 7 of 7 Results

Sort ▾




Ecophysiological traits of shoots originated from different types of buds in Populus balsamifera L. cuttings.  
Oct 22, 2021  
Wang L; Dang, QingLai, 2021, "Ecophysiological traits of shoots originated from different types of buds in Populus balsamifera L. cuttings.", <https://doi.org/10.5683/SP3/9EDIIG>, Scholars Portal Dataverse, V1, UNF:6:eY47sZzqHcq7ucn27fuoYA== [fileUNF]

Ecophysiological traits of shoots originated from different types of buds in Populus balsamifera L. cuttings.




Performance management data  
Oct 14, 2021  
Jiao, Changquan, 2021, "Performance management data", <https://doi.org/10.5683/SP3/GNTJJV>, Scholars Portal Dataverse, V1, UNF:6:KocNFTXASqJ2Rik1ZUYG+w== [fileUNF]

Respondents provided the ratings of their reactions to formal performance appraisal in the organization. Supervisors rated the job performance of their subordinates.



Replication Data for: Physiological and morphological responses of Picea mariana (Mill). B.S.P and Picea glauca [Moench] Voss.  
to interactions of nutrient supply, root interaction and elevated CO2

Researchers with an institutional affiliation can then register and add datasets, and even collections

 Log In

Log in or sign up with your institutional account — more [information about account creation](#). Leaving your institution? Please contact [Borealis Support](#) for assistance.

Your Institution

Lakehead University

Please select...

Continue

Please select...

Carleton University

Concordia University

Concordia University of Edmonton

Lakehead University

MacEwan University

McGill University

McMaster University

OCAD University

Institution not listed?

Username/Email

Sign In

## Federated Research Data Repository (FRDR):

custom built for large datasets. Max file size 10 GB (note: file not dataset)



Search for datasets



Français

Log In ▾

Help ▾

About ▾

Site Metrics

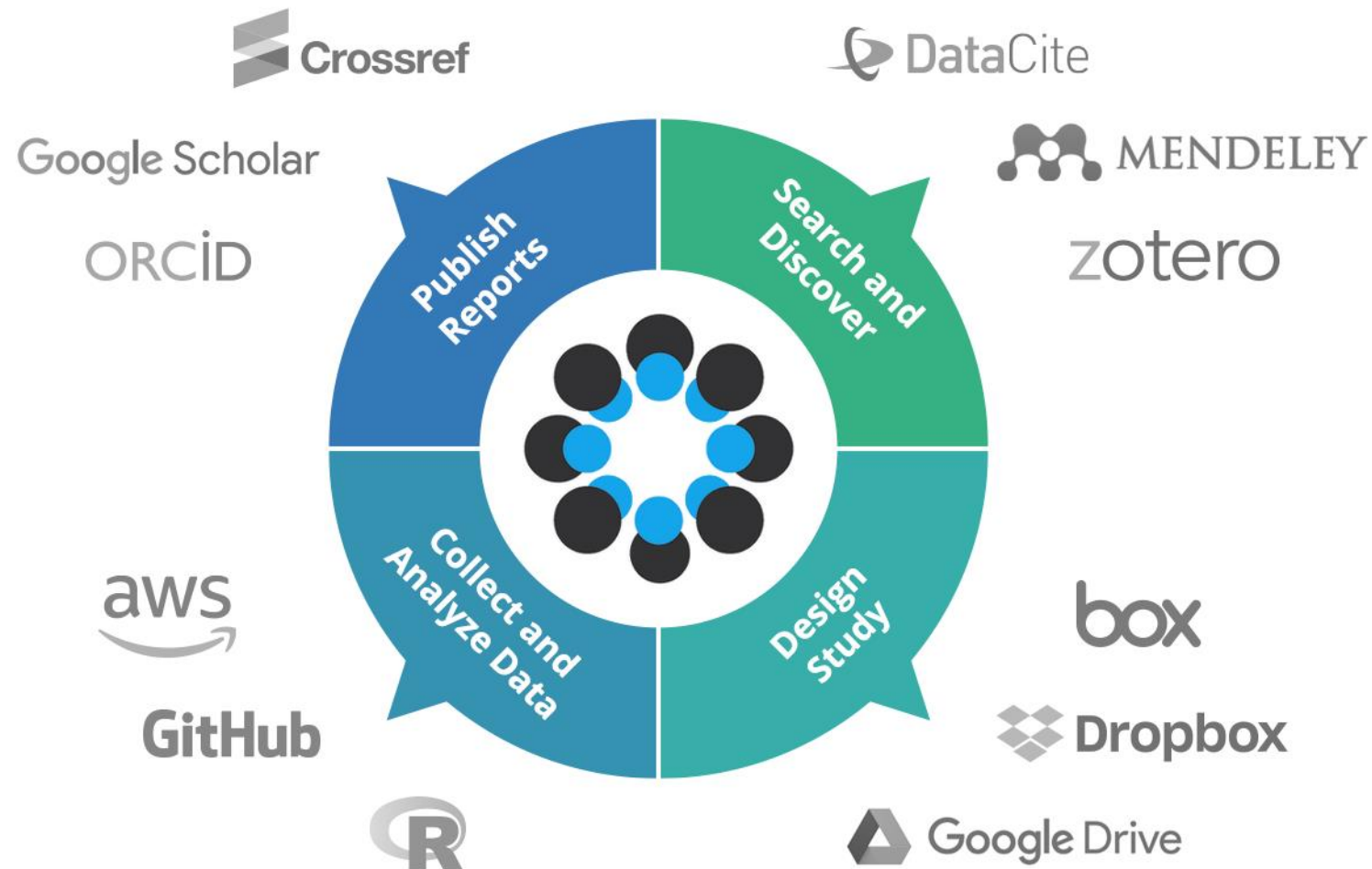
FRDR will be unavailable due to scheduled maintenance on Saturday, June 24. We apologize for any inconvenience.

# Publish and Share Canadian Research Data

Deposit Data

Photo from Higgs, E. (2018). [Mountain Legacy Project](#), Kananaskis, MLP\_1286. FRDR: <https://doi.org/10.20383/101.097>.

## Open Science Framework





Repositories	169K
Code	?
Commits	3M
Issues	510K
Discussions	3K
Packages	69
Marketplace	0
Topics	274
Wikis	35K
Users	675

Languages	
Jupyter Notebook	63,384

## 169,125 repository results

Sort: Best match ▾

### [awesomedata/awesome-public-datasets](#)

A topic-centric list of HQ open **datasets**.

[opendata](#) [datasets](#) [aaron-swartz](#) [awesome-public-datasets](#)

☆ 47.7k MIT license Updated on Jan 4

### [huggingface/datasets](#)

😊 The largest hub of ready-to-use **datasets** for ML models with fast, easy-to-use and efficient data manipulation tools

[pytorch](#) [deep-learning](#) [machine-learning](#) [nlp](#) [natural-language-processing](#) [computer-vision](#) [metrics](#)

[tensorflow](#) [numpy](#) [evaluation](#) [speech](#) [pandas](#) [datasets](#)

☆ 12.6k Python Apache-2.0 license Updated 2 hours ago 1 issue needs help

### [tensorflow/datasets](#)

TFDS is a collection of **datasets** ready to use with TensorFlow, Jax, ...

[tensorflow](#) [machine-learning](#) [dataset](#) [data](#) [numpy](#) [datasets](#) [jax](#)



## Comparison tools

- Portage Canada (Canadian Research Data Alliance) [Guide to Repository Options in Canada](#) (2019), downloadable PDF report
- A [blog-post/comparison](#) by Dataverse in-house usability Researcher Product/Specialist Julian Gautier (2017)
  - Originally intended for internal use, not comprehensive
  - Interesting criteria/ food for thought, including governance/ business model practice profiles
- McMaster [Library Data Storage Finder](#) (2021)



Where to learn more  
about RDM

## Digital Research Alliance of Canada



**Digital Research  
Alliance** of Canada

Accelerating Canada's  
Research Future.

**Alliance de recherche  
numérique** du Canada

Accélérer l'avenir de  
la recherche au Canada.

## RDM PRINCIPLES: [FAIR](#)

- Findable
- Accessible
- Interoperable
- Reusable

A FAIR [checklist tool](#)





## RDM PRINCIPLES: [CARE](#)

- Collective benefit
- Authority to control
- Responsibility
- Ethics





## Sensitive Data Guidance (DRAC)

- Sensitive Data Toolkit for Researchers Part 1: Glossary of Terms for Sensitive Data used for Research Purposes. [PDF](#)
- Sensitive Data Toolkit for Researchers Part 2: Human Participant Research Data Risk Matrix. [PDF](#)
- Sensitive Data Toolkit for Researchers Part 3: Research Data Management Language for Informed Consent. [PDF](#)

## WORKS CITED

Colavizza, G. et al. The citation advantage of linking publications to research data. PLoS One 15, e0230416 (2020).

Hahnel, Mark; McIntosh, Leslie D.; Hyndman, Alan; Baynes, Grace; Crosas, Merce; et al. (2020): The State of Open Data 2020. Digital Science Report. <https://doi.org/10.6084/m9.figshare.13227875.v2>

MIT Libraries, “Quick & dirty data management: the 5 things you need to be doing now! by Data Management Services. Copyright © 2022-01-26 MASSACHUSETTS INSTITUTE OF TECHNOLOGY is licensed under a Creative Commons Attribution 4.0 International License except where otherwise noted. [https://creativecommons.org/licenses/by/4.0/]. Access at [https://www.dropbox.com/s/s34cwxoamzq30im/QuickDirtyDataMgmt\\_Slides\\_MIT.pdf?dl=0](https://www.dropbox.com/s/s34cwxoamzq30im/QuickDirtyDataMgmt_Slides_MIT.pdf?dl=0).

Read KB, Ganshorn H, Rutley S, Scott DR. Data-sharing practices in publications funded by the Canadian Institutes of Health Research: a descriptive analysis. CMAJ Open. 9(4):E980-E987 (2021). doi: 10.9778/cmajo.20200303. PMID: 34753787; PMCID: PMC8580829. <https://pubmed.ncbi.nlm.nih.gov/34753787/>

Tedersoo, L., Küngas, R., Oras, E. et al. Data sharing practices and data availability upon request differ across scientific disciplines. Sci Data 8, 192 (2021). <https://doi.org/10.1038/s41597-021-00981-0>  
<https://www.nature.com/articles/s41597-021-00981-0.pdf>

# Library Seminar 2 Agenda

- Introduction to Research Data Management - Nicole
- Review of October 30<sup>th</sup> Homework - Ian
- Help with Writing Resources - Ian
- Where, how and when to get help!

# What's new in the Library?

Participate in a Library event or workshop, use Interlibrary loan services or check out the 6<sup>th</sup> floor grad studies spaces,

<https://brocku.ca/library/>

<https://brocku.ca/library/workshops/>

<https://experiencebu.brocku.ca/organization/library/events>

## Grad study room and space (6<sup>th</sup> floor)

<https://brocku.ca/library/spaces/graduate-students/>





# Citation Management

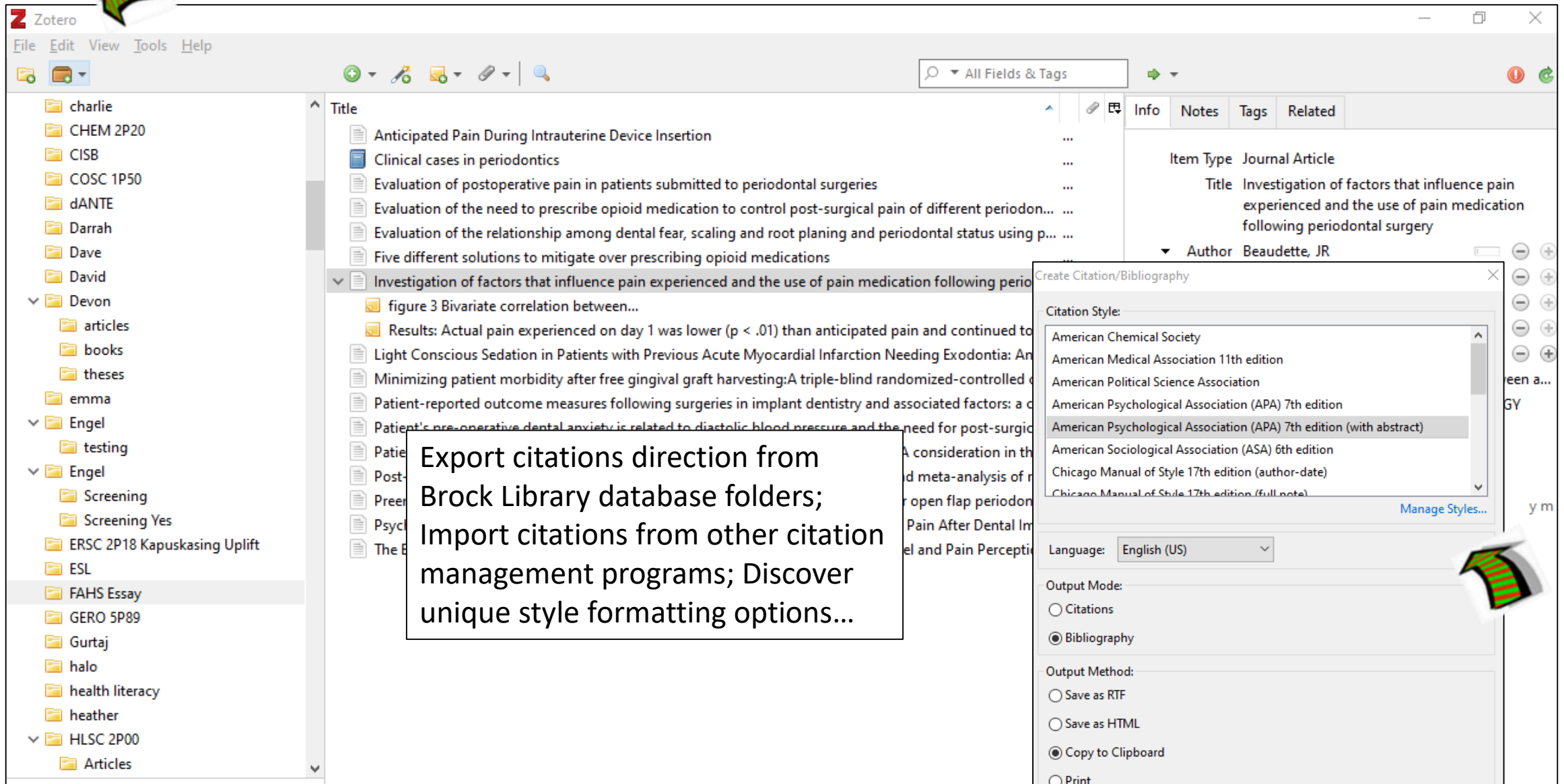
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The image shows the Zotero desktop application. On the left is a sidebar with a folder tree. The main pane displays a list of citations. A text box is overlaid on the citation list, and a 'Create Citation/Bibliography' dialog box is open on the right.

**Folder Tree (Left Sidebar):**

- charlie
- CHEM 2P20
- CISB
- COSC 1P50
- dANTE
- Darrah
- Dave
- David
- Devon
  - articles
  - books
  - theses
- emma
- Engel
  - testing
- Engel
  - Screening
  - Screening Yes
- ERSC 2P18 Kapuskasing Uplift
- ESL
- FAHS Essay
- GERO 5P89
- Gurtaj
- halo
- health literacy
- heather
- HLSC 2P00
  - Articles

**Citation List (Main Pane):**

Title
Anticipated Pain During Intrauterine Device Insertion
Clinical cases in periodontics
Evaluation of postoperative pain in patients submitted to periodontal surgeries
Evaluation of the need to prescribe opioid medication to control post-surgical pain of different periodon...
Evaluation of the relationship among dental fear, scaling and root planing and periodontal status using p...
Five different solutions to mitigate over prescribing opioid medications
Investigation of factors that influence pain experienced and the use of pain medication following perio...
figure 3 Bivariate correlation between...
Results: Actual pain experienced on day 1 was lower ( $p < .01$ ) than anticipated pain and continued to
Light Conscious Sedation in Patients with Previous Acute Myocardial Infarction Needing Exodontia: An
Minimizing patient morbidity after free gingival graft harvesting: A triple-blind randomized-controlled c
Patient-reported outcome measures following surgeries in implant dentistry and associated factors: a c
Patient's pre-operative dental anxiety is related to diastolic blood pressure and the need for post-surgic
Patie
Post-
Preer
Psyc
The B

**Text Overlay:**

Export citations direction from Brock Library database folders;  
Import citations from other citation management programs; Discover unique style formatting options...

**Create Citation/Bibliography Dialog Box:**

Citation Style:

- American Chemical Society
- American Medical Association 11th edition
- American Political Science Association
- American Psychological Association (APA) 7th edition
- American Psychological Association (APA) 7th edition (with abstract)
- American Sociological Association (ASA) 6th edition
- Chicago Manual of Style 17th edition (author-date)
- Chicago Manual of Style 17th edition (full note)

Language: English (US)

Output Mode:

- ☐ Citations
- ☒ Bibliography

Output Method:

- ☐ Save as RTF
- ☐ Save as HTML
- ☒ Copy to Clipboard
- ☐ Print

OK Cancel

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Try any number of alternate AI-enabled open scholarly databases to find research appropriate to your thesis/dissertation:

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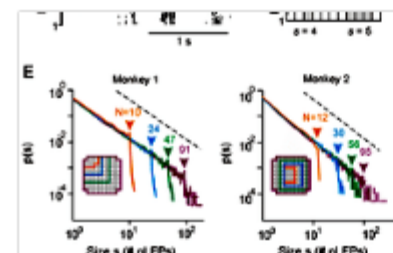
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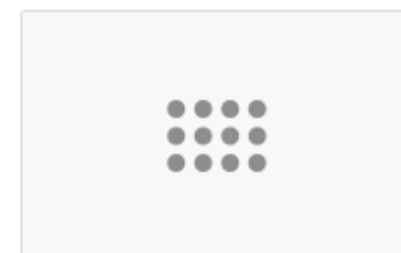
Global Aridity Index and Potential Evapotranspiration (ET0) Database: Version 3  
Dataset posted on 2022-07-20

Robert Zomer ▾



Observation window limit introduces cut-off in avalanche size distributions.  
Figure posted on 2014-06-12 in Public Library of Science

Shan Yu ▾



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Posted on 2018-06-11 in The Royal Society

Xiangyun Han ▾



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REGISTRATION



### Graduate entry nursing student development of professional nursing self: A scoping review protocol

Lindy Cochrane , Rebecca Jarden , Rachel Macdiarmid , and Patricia McClunie-Trust

Date registered: 2022-11-21 | Date modified: 2022-11-21

Context: title: Graduate entry *nursing* student *development of professional nursing* self: A scoping review protocol; description: as a nurse in students enrolled in a pre-registration graduate entry *nursing* programme: 1) identify; keyword: *Nursing* student; keyword: *Nursing*; keyword: *Professional* self concept; description: This scoping review has three aims related to the *development of professional* identity and self-concept; description: further primary research or a systematic review is needed, and 4) make recommendations for programme *development*; keyword: *Professional* identity;

#### Open resources



Data



Analytic code



Materials



Papers



Supplements

# Graduate entry nursing student development of professional nursing self: A scoping review protocol

Public registration ▾

Updates ▾



## Overview

### Metadata

### Files

### Resources

### Wiki

### Components 0

### Links 0

### Analytics

### Comments 0

## Open practice resources ?

- Data
- Analytic code
- Materials
- Papers
- Supplements

## Study Information

### Hypotheses

#### Review objectives

This evidence synthesis has three aims related to the development of professional identity and self-concept as a nurse in students enrolled in a pre-registration graduate entry nursing programme: 1) identify the published literature, 2) evaluate and identify gaps in the research, 3) determine whether further primary research or a systematic review is needed, and 4) make recommendations for programme development.

#### Review questions

1. How has professional identity and self-concept been explored for graduate entry nursing (GEN) students?
2. What are the elements of professional identity and self-concept for GEN students?
3. How do GEN students describe their experience of developing a sense of self as a nurse?
4. How do GEN students explain the impact of their developing sense of self as a nurse?

## Design Plan

### Study type

Other

### Blinding

No blinding is involved in this study.

### Is there any additional blinding in this study?

N/A

### Contributors

Patricia McClunie-Trust , Rebecca Jarden, Lindy Cochrane, and Rachel Macdiarmid

### Description

This scoping review has three aims related to the development of professional identity and self-concept as a nurse in students enrolled in a pre-registration graduate entry nursing programme: 1) identify the published literature, 2) evaluate and identify gaps in the research, 3) determine whether further primary research or a systematic review is needed, and 4)

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### Registration type

OSF Preregistration

### Date registered

November 20, 2022

### Date created

November 20, 2022

### Associated project

osf.io/fmtd4

### Internet Archive link

<https://archive.org/details/osf-registrations-52qep-v1>

### Category

Project

### Registration DOI

<https://doi.org/10.17605/OSF.IO/52QEP>

### Subjects

Nursing Higher Education  
Education  
Medicine and Health Sciences

### License

No license

### Tags

Education Graduate entry  
Nurse Nursing  
Nursing student  
Professional identity  
Professional self concept  
Student nurse

### Citation

osf.io/52qep ▾



Semantic Scholar

254 results for "coaching mentorship female hockey"

Fields of Study ▾

Date Range ▾

Has PDF

Author ▾

Journals & Conferences ▾

Forward citation searching...

## A Female Perspective on Canada's National Coaching Institute Mentorship Experience

David Langdon

Psychology · 2018

Publisher Save Cite

## Exploring coaching actions based on developed values: a case study coach

B. Callary

P. Werthner

P. Trudel

Education · 18 March 2013

There are few empirical studies that demonstrate how values are developed and influence coaching actions. There can be a discrepancy between the statement of coach values and their coaching actions.

[Expand](#)

17

Taylor & Francis Save Cite

## Benefits of a female coach mentorship programme on women coaches' development: an ecological perspective

J. Banwell

G. Kerr

A. Stirling

Psychology · 18 May 2020

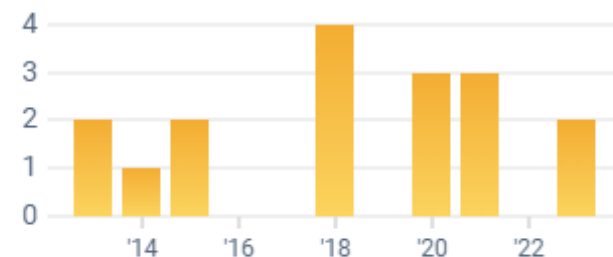
**ABSTRACT** The development of women **coaches** is complex and dependent upon influences at individual, interpersonal, organisational, and sociocultural levels, as outlined by the Ecological-Intersectional... [Expand](#)

14

Taylor & Francis Save Cite

17 Citations

2 Highly Influential Citations





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Entire Document

"health literacy" fall\*



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20 hits in 346,020,057 documents

☐ 1. Co-creation of a person-centred integrated digital health model of care for fragility hip fractures: a mixed methods pragmatic research

Author: Yadav, Lalit Dinesh [\[claim\]](#)

Description: Hip fracture is among the most devastating events faced by older people. These fragility fractures often occur due to trivial or low trauma **falls**. Current treatment efforts have led to best practice management guidelines and clinical audits at the...

Year: 2022

Document Type: Thesis ; [Thesis]

Content Provider: The University of Adelaide: Digital Library

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☐ 2. Relationship between health literacy and concern about falling in community-living older people ...

Author: Lim, Mae [\[claim\]](#)

Description: Concern about **falling** is a common and serious **health** concern for older people. However, older people's participation in proven interventions for reducing concern about **falling** remains low. **Health literacy** could be influential to older people's...

Publisher, Year: UNSW Sydney, 2021

Document Type: thesis ; Thesis ; doctoral thesis ; Dissertation ; [Doctoral and postdoctoral thesis ; Thesis]

Content Provider: DataCite Metadata Store (TIB Hannover)  
DataCite Metadata Store (German National Library of Science and Technology)

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Document Type



(14,643) Article contribution

(5,926) Text

(884) Conference object

(836) Other non-article

(699) Unknown

(644) Thesis

(622) Dataset

(510) Book part

(308) Report

Browsing

Language



(366) English

(167) Unknown

(39) Chinese

(31) Indonesian

(15) Czech

(8) Thai

(7) French


(7) Japanese

(6) German

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Title:	Health literacy
Authors:	Rodrigues, Vítor 
Issue Date:	Aug-2018
Serial title, monograph or event:	Revista Portuguesa de Cardiologia
Volume:	37
Issue:	8
URI:	<a href="https://hdl.handle.net/10316/101906">https://hdl.handle.net/10316/101906</a>
ISSN:	08702551
DOI:	10.1016/j.repc.2018.07.001
Rights:	openAccess
Appears in Collections:	FMUC Medicina - Artigos em Revistas Internacionais

FILE	DESCRIPTION	SIZE	FORMAT
1-s2.0-S0870255118304529-main.pdf		226.34 kB	Adobe PDF

Rev Port Cardiol. 2018;37(8):679-680



## COMENTÁRIO EDITORIAL

### Literacia em saúde

#### Health literacy

Vitor Rodrigues

Faculdade de Medicina, Universidade de Coimbra, Coimbra, Portugal

Disponível na Internet a 25 de julho de 2018

O presente número da Revista Portuguesa de Cardiologia publica um estudo de Andrade et al<sup>1</sup> relativo ao conhecimento sobre a doença cardiovascular em Portugal. Trata-se de mais uma útil investigação sobre os conhecimentos e atitudes da população acerca da doença cardiovascular, neste caso sobre o acidente vascular cerebral e o enfarte agudo do miocárdio.

O conceito de «literacia em saúde» surgiu já nos anos 1970, mais propriamente em 1974<sup>2</sup>, estreitamente ligado aos conceitos de promoção da saúde. Mas apenas na década de 90 se iniciou uma objetivação do conceito, nomeadamente por parte da OMS, em 1998, «conjunto de competências cognitivas e sociais e a capacidade dos indivíduos para acederem à compreensão e ao uso da informação, de forma a promover e manter uma boa saúde»<sup>3</sup>. Em 1999, o Council of Scientific Affairs da American Medical Association definiu-a como «capacidade de ler e compreender prescrições, bulas de medicamento, bem como outros materiais essenciais relacionados com a saúde requeridos para, com sucesso, ser possível o funcionamento como doente»<sup>4</sup> e, em 2005, Kickbusch et al. definem-na como «capacidade para tomar decisões fundamentadas, no decurso da vida diária, em casa, na comunidade, no local de trabalho, na utilização dos serviços de saúde, no mercado, no contexto político. É uma estratégia de capacitação para aumentar o controlo das pessoas sobre a sua saúde, a capacidade para procurar informação e para assumir responsabilidades»<sup>5</sup>. Verifica-se, deste modo, que o conceito foi evoluindo de uma

perspetiva individual para uma perspetiva complementar e integrativa da componente social, capacitando o indivíduo para um processo de decisão informado e responsável das suas escolhas e decisões; é, também, um instrumento indispensável para a capacidade de «navegação» do indivíduo dentro dos sistemas de saúde e respetiva oferta de cuidados de saúde.

Está bem documentada, em inúmeros estudos científicos, a importância da literacia em saúde na promoção da saúde e na prevenção (a todos os níveis) da doença. Aqueles têm evidenciado que as pessoas com baixa literacia em saúde têm, geralmente, défices na capacidade de compreensão dos conteúdos da informação sobre alimentos e fármacos, na «visualização» da concretização e da estrutura dos cuidados de saúde, na promoção de hábitos de vida saudável e na adoção de medidas preventivas. A baixa literacia em saúde é também fator promotor de uma maior inadequação e utilização dos serviços de saúde, maior dificuldade na comunicação médico-doente – com correspondente inadequação da compreensão mútua e prejuízo da efetividade diagnóstica e terapêutica –, e resultados em saúde piores. Deste modo, a literacia em saúde tem sido considerada como um fator de enorme importância para a melhoria do estado de saúde individual e coletiva, através da melhoria dos índices de tarefas (tasks) e competências (skills).

Ao longo dos anos também os conceitos associados à transmissão da informação sobre educação para a saúde foram evoluindo e elementos chave como a necessidade de desenvolver informação adaptada aos níveis sociais, culturais, demográficos e individuais foram ganhando maior importância (em contraposição às clássicas e algo ineficazes campanhas «globais»). Assim, os conteúdos têm sido

DOI do artigo original: <https://doi.org/10.1016/j.repc.2017.10.017>  
Correio eletrónico: [vrodrigues@netcabo.pt](mailto:vrodrigues@netcabo.pt)

<https://doi.org/10.1016/j.repc.2018.07.001>  
0870-2551/© 2018 Publicado por Elsevier España, S.L.U. em nome de Sociedade Portuguesa de Cardiologia.

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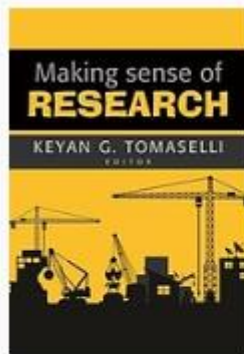
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Brock Library Omni Brock Library + Omni Libraries

UofT library <https://librarysearch.library.utoronto.ca/discovery/>

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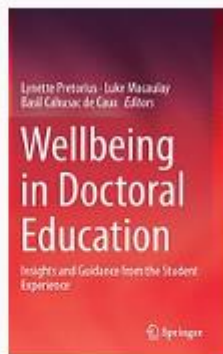
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[Making sense of research](#)

Print Book, 2018

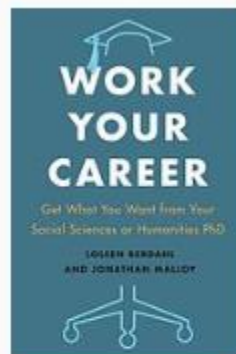
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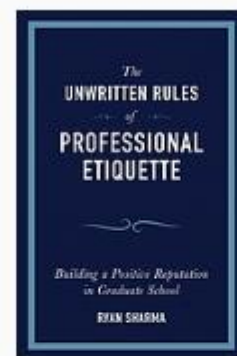
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MeSH Headings (NIH)

<https://www.ncbi.nlm.nih.gov/mesh>

MEDLINE via Web of Science Complete

<https://researchguides.library.brocku.ca/database-medline-via-web-of-knowledge>

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MEDLINE via PubMed (NIH)

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**Ward, Wendy E.** *This is an algorithmically generated author record* ⓘ

Brock University

Dept Kinesiol

ST CATHARINES, ON, CANADA

**Published names** ⓘ Ward, Wendy E. Ward, WE Ward, Wendy Ward, W. E. Ward, Wendy Elizabeth [Show more](#)

**Published Organizations** ⓘ Brock University, University of Toronto, University of Arkansas System [Show more](#)

**Subject Categories** BETA Biochemistry & Molecular Biology; Nutrition & Dietetics; Cell Biology; Life Sciences & Biomedicine - Other Topics; Endocrinology & Metabolism

 Web of Science ResearcherID: GCH-9921-2022

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## Publications

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From 1900 to 2023

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Total

1,880

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Without self-citations

## Times Cited

2,597

Total

2,246

Without self-citations

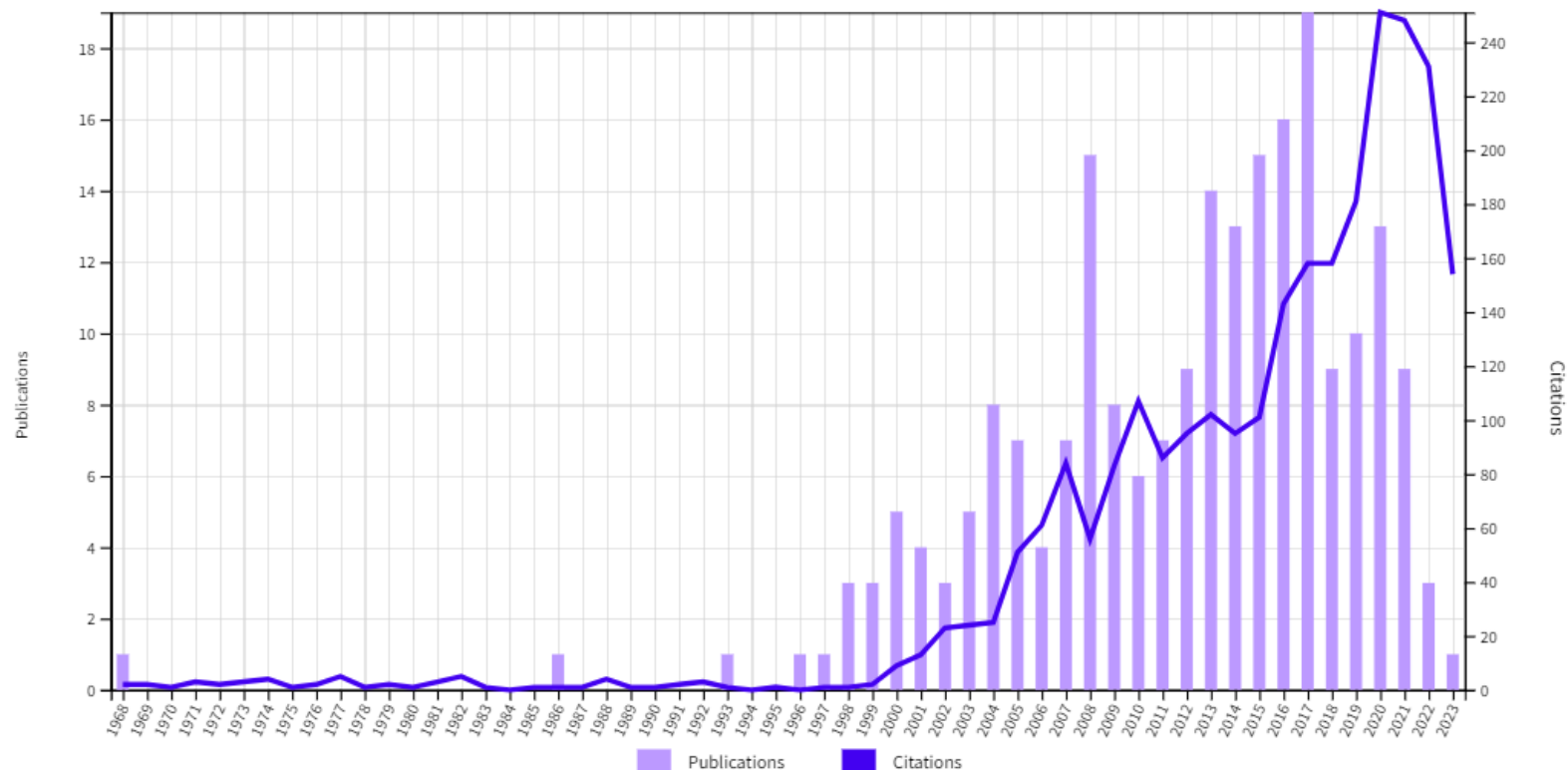
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		Sort by: Citations: highest first <span>▼</span> <span>&lt; 1 of 5 &gt;</span>					Average per year	Total
		<span>&lt; Previous year</span> <span>Next year &gt;</span>						
		2019	2020	2021	2022	2023		
Total		181	251	248	231	154	46.38	2,597
<div><div><div>⊖</div><div>1</div></div></div>	<div>Daidzein together with high calcium preserve bone mass and biomechanical strength at multiple sites in ovariectomized mice</div> <div>Fonseca, D and Ward, WE</div> <div>Aug 2004   BONE 35 (2) , pp.489-497</div>	8	5	0	0	3	5.25	105

Fonseca, D., & Ward, W. E. (2004). Daidzein together with high calcium preserve bone mass and biomechanical strength at multiple sites in ovariectomized mice. *Bone*, 35(2), 489–497. <https://doi.org/10.1016/j.bone.2004.03.031>

Analyze Results

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WorldCat – filter by "Thesis, Dissertation"

<https://worldcat.org/#advancedsearch>

ProQuest Dissertations and Theses Global

<https://researchguides.library.brocku.ca/database-proquest-dissertations-theses-global>

BASE – select "Advanced Search" and filter by "Thesis" types

<https://www.base-search.net/Search/Advanced>

☐ 6. Study on extraction technics of sweet potato leaf flavonoids, sustained release of its nanoparticles, and sweet potato leaf fortified bread





Author: Liu, JIang [claim]

Description: The previous studies of sweet potato leaf polyphenols were mainly focus on the non-**flavonoids** part (phenolic acids), there weren't enough study on the **flavonoids** part. Chemically, **flavonoids** have the specific structure of a 15-carbon skeleton,...

Publisher, Year: Université de Liège, Liège, Belgique, 2021-01-05

Document Type: Info:eu-repo/semantics/doctoralThesis ; [Doctoral and postdoctoral thesis]

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**STUDY ON EXTRACTION TECHNICS OF SWEET  
POTATO LEAF FLAVONOIDS, SUSTAINED RELEASE  
OF ITS NANOPARTICLES, AND SWEET POTATO  
LEAF FORTIFIED BREAD**

**Jiang LIU**

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Have you documented your search strategies for each database, findings, dates run, identified gaps, and when to modify and run them again?



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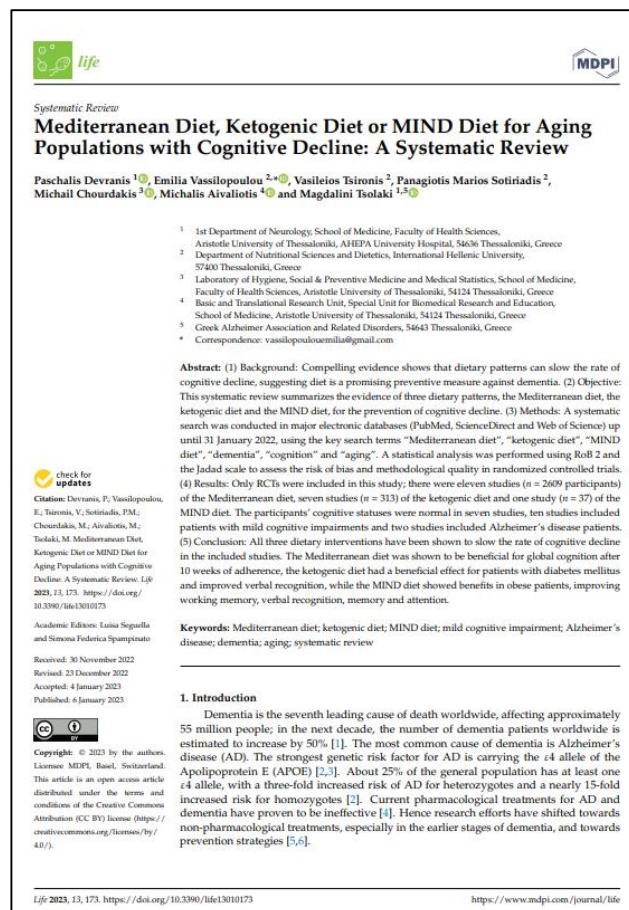
Cochrane <https://www.cochranelibrary.com/>

Clinical Trials (NIH) <https://clinicaltrials.gov/>

TRIP <https://www.tripdatabase.com/>

Epistemonikos <https://www.epistemonikos.org/>

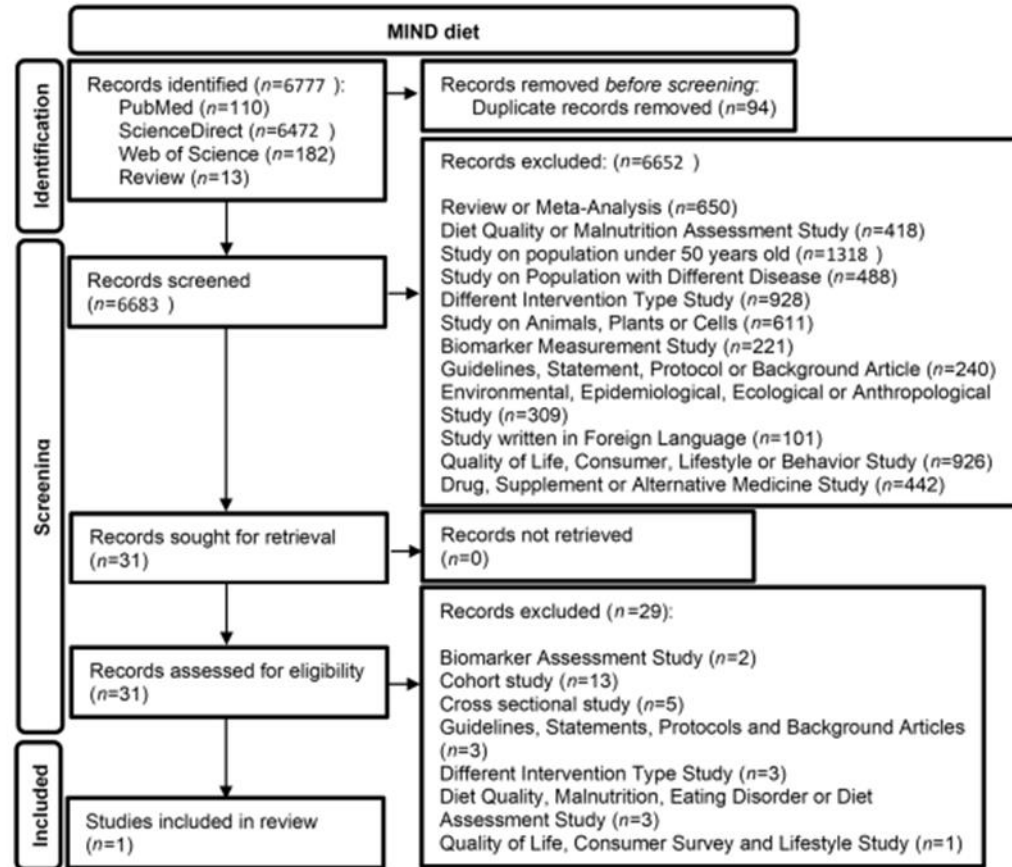
Campbell <https://onlinelibrary.wiley.com/journal/18911803>



Devranis, P., Vassilopoulou, E., Tsironis, V., Sotiriadis, P. M., Chourdakis, M., Aivaliotis, M., & Tsolaki, M. (2023). Mediterranean diet, ketogenic diet or mind diet for aging populations with cognitive decline: A systematic review. *Life*, *13*(1), 173. <https://doi.org/10.3390/life13010173>

**Supplementary Materials:** The following supporting information can be downloaded at: <https://www.mdpi.com/article/10.3390/life13010173/s1>, Table S1: PRISMA 2020 item checklist; Table S2: PRISMA 2020 for Abstracts checklist; Table S3: Search strings used in the systematic reviews. Reference [101] was cited in the supplementary materials.

Mediterranean Diet (MeDi)	
PubMed	(mediterranean diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
ScienceDirect	(mediterranean diet) AND ((cognitive) OR (cognition)) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
Web of Science	(mediterranean diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
Ketogenic Diet (KD)	
PubMed	(keto* diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
ScienceDirect	((keto diet) OR (ketogenic diet)) AND ((cognitive) OR (cognition)) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
Web of Science	(keto* diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
MIND Diet	
PubMed	(MIND diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
ScienceDirect	(MIND diet) AND ((cognitive) OR (cognition)) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))
Web of Science	(MIND diet) AND (cogn*) AND ((aging) OR (dementia) OR (Alzheimer) OR (MCI))



**Table 3.** Characteristics of the reviewed studies on the effects of the Mediterranean Diet (MeDi) and its cognitive effects.

Study (REF) Year, Country	Type of Study	Intervention Group 1 Included	Intervention Group 2 Included	Control Group Included	Cognitive Status at Baseline	Overall Health Status	Intervention	Duration of Intervention	Measures of Cognitive Outcomes	Outcomes—Significant Benefit of Intervention
Hoscheidt [56] 2021 USA	RCT	<i>n</i> = 44 Age 55.7 ± 5.5 y	N/A	<i>n</i> = 43 Age 56.9 ± 4.7 y	NC 3MS 97 ± 2 & MCI 3MS 95 ± 4	Healthy	IG1: MeDi (<7% SF, GI < 55, Na <sup>+</sup> 1.3 g/day) CG: Western diet (25% SF, GI > 70, Na <sup>+</sup> 3.2 g/day)	4 weeks	3MS, SRT, BSRT, DCT	<i>p</i> > 0.1
Knight [57] 2016 Australia	RCT	<i>n</i> = 70 Age 72.1 ± 4.9 y	N/A	<i>n</i> = 67 Age 72 ± 5 y	NC	Healthy	IG1: MeDi CG: no guidance	6 months	Stroop, LFT, TOL, RAVLT, F&B-DS, LNS, SS&C, BVRT	BVRT ( <i>p</i> = 0.01) RAVLT ( <i>p</i> = 0.03) RAVLT/F&B-DS/LNS ( <i>p</i> = 0.05)
Marseglia [58] 2018 France, Italy, Netherlands, Poland, and UK	RCT	<i>n</i> = 573 Age 70.7 ± 0.2 y	N/A	<i>n</i> = 571 Age 71.1 ± 0.2	NC MMSE 28 ± 2	Healthy	IG1: NU-AGE diet CG: national guidelines	12 months	CERAD-NB, MMSE, CFT, BSR, PCT, DCT, TMT-A&B, BNT, WLS	MMSE/CERAD-NB ( <i>p</i> = 0.05)
Martinez- Lapiscina [59] 2013a Spain	RCT	<i>n</i> = 224 Age 67.4 ± 5.7 y	<i>n</i> = 166 Age 67.3 ± 5.8 y	<i>n</i> = 132 Age 67.6 ± 5.5 y	NC	High Risk of CVD	IG1: MeDi-EVOO (1 L/week) IG2: MeDi-MN (30 g/day) CG: LF	6.5 years	MMSE, RAVLT, F&B-DS, C	
Martinez- Lapiscina [60] 2014 Spain	RCT	<i>n</i> = 381 Age 67 ± 6 y	N/A	<i>n</i> = 129 Age 67 ± 6 y	NC	High Risk of CVD	IG: MeDi CG: LF	6.5 years	MMSE, RAVLT, F&B-DS, C	
Martinez- Lapiscina [61] 2013b Spain	RCT	<i>n</i> = 91 Age 67.2 ± 5.6 y	<i>n</i> = 88 Age 67.3 ± 6 y	<i>n</i> = 89 Age 67.5 ± 5.7 y	NC	High Risk of CVD	IG1: MeDi-EVOO (1 L/week) IG2: MeDi-MN (30 g/day) CG: LF	6.5 years	MMSE, RAVLT, BNT, F&B-DS, C	

## References

- World Health Organization. *Global Status Report on the Public Health Response to Dementia*; World Health Organization: Geneva, Switzerland, 2021; ISBN 9789240033245.
- Gharbi-Meliani, A.; Dugravot, A.; Sabia, S.; Regy, M.; Fayosse, A.; Schnitzler, A.; Kivimäki, M.; Singh-Manoux, A.; Dumurgier, J. The Association of APOE E4 with Cognitive Function over the Adult Life Course and Incidence of Dementia: 20 Years Follow-up of the Whitehall II Study. *Alzheimers. Res. Ther.* **2021**, *13*, 5. [CrossRef]
- Sardone, R.; Battista, P.; Donghia, R.; Lozupone, M.; Tortelli, R.; Guerra, V.; Grasso, A.; Griseta, C.; Castellana, F.; Zupo, R.; et al. Age-Related Central Auditory Processing Disorder, MCI, and Dementia in an Older Population of Southern Italy. *Otolaryngol. Neck Surg.* **2020**, *163*, 348–355. [CrossRef] [PubMed]
- Tisher, A.; Salardini, A. A Comprehensive Update on Treatment of Dementia. *Semin. Neurol.* **2019**, *39*, 167–178. [CrossRef]
- Livingston, G.; Huntley, J.; Sommerlad, A.; Ames, D.; Ballard, C.; Banerjee, S.; Brayne, C.; Burns, A.; Cohen-Mansfield, J.; Cooper, C.; et al. Dementia Prevention, Intervention, and Care: 2020 Report of the Lancet Commission. *Lancet* **2020**, *396*, 413–446. [CrossRef] [PubMed]
- Gertz, H.-J.; Kurz, A. Diagnose Ohne Therapie. *Nervenarzt* **2011**, *82*, 1151–1159. [CrossRef] [PubMed]
- Petersen, R.C. Mild Cognitive Impairment as a Diagnostic Entity. *J. Intern. Med.* **2004**, *256*, 183–194. [CrossRef]
- Wang, Y.; Jia, R.; Liang, J.; Li, J.; Qian, S.; Li, J.; Xu, Y. Effects of Non-pharmacological Therapies for People with Mild Cognitive Impairment. A Bayesian Network Meta-analysis. *Int. J. Geriatr. Psychiatry* **2020**, *35*, 591–600. [CrossRef]
- Yao, S.; Liu, Y.; Zheng, X.; Zhang, Y.; Cui, S.; Tang, C.; Lu, L.; Xu, N. Do Nonpharmacological Interventions Prevent Cognitive Decline? A Systematic Review and Meta-Analysis. *Transl. Psychiatry* **2020**, *10*, 19. [CrossRef]
- Lai, X.; Wen, H.; Li, Y.; Lu, L.; Tang, C. The Comparative Efficacy of Multiple Interventions for Mild Cognitive Impairment in Alzheimer's Disease: A Bayesian Network Meta-Analysis. *Front. Aging Neurosci.* **2020**, *12*, 121. [CrossRef] [PubMed]
- Tsolaki, M.; Kounti, F.; Agogiatiou, C.; Poptsi, E.; Bakoglidou, E.; Zafeiropoulou, M.; Soumbourou, A.; Nikolaidou, E.; Batsila, G.; Siambani, A.; et al. Effectiveness of Nonpharmacological Approaches in Patients with Mild Cognitive Impairment. *Neurodegener. Dis.* **2011**, *8*, 138–145. [CrossRef]
- Van Den Brink, A.C.; Brouwer-Brolsma, E.M.; Berendsen, A.A.M.; Van De Rest, O. The Mediterranean, Dietary Approaches to Stop Hypertension (DASH), and Mediterranean-DASH Intervention for Neurodegenerative Delay (MIND) Diets Are Associated with Less Cognitive Decline and a Lower Risk of Alzheimer's Disease—A Review. *Adv. Nutr.* **2019**, *10*, 1040–1065. [CrossRef]
- Zupo, R.; Griseta, C.; Battista, P.; Donghia, R.; Guerra, V.; Castellana, F.; Lampignano, L.; Bortone, I.; Lozupone, M.; Gianelli, G.; et al. Role of Plant-Based Diet in Late-Life Cognitive Decline: Results from the Salus in Apulia Study. *Nutr. Neurosci.* **2022**, *25*, 1300–1309. [CrossRef] [PubMed]



# Library Seminar 2 Agenda

- Introduction to Research Data Management - Nicole
- Review of October 30<sup>th</sup> Homework - Ian
- [Help with Writing Resources - Ian](#)
- Where, how and when to get help!





ExperienceBU

## Description

Need motivation to get work done? All graduate students are welcome to join our writing community every Wednesday from noon-2:00pm either online or in-person at the Research Impact Hub (RFP 216).

Writing Café is like a mini writing retreat! The main Café is dedicated to quiet time to work on any stage of your writing (including planning, reading, and research). Specialists in writing, research, and other academic skills will be available to answer questions and provide support. There may also be a short skill-developing activity during the first 15 minutes of the Café.



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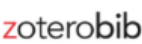
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**On-Campus Writing Lab**

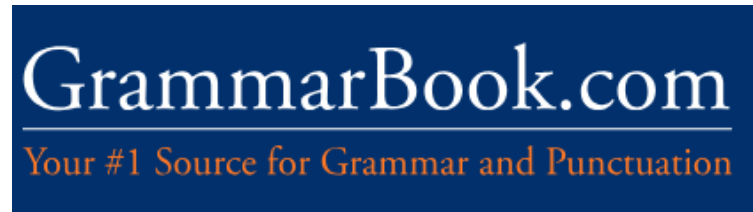
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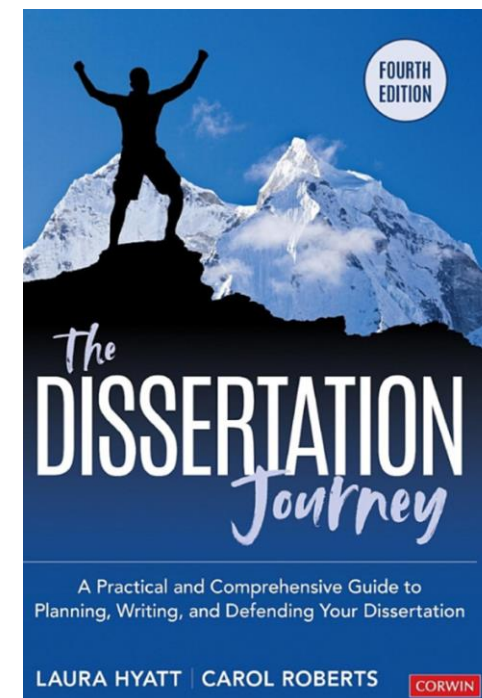
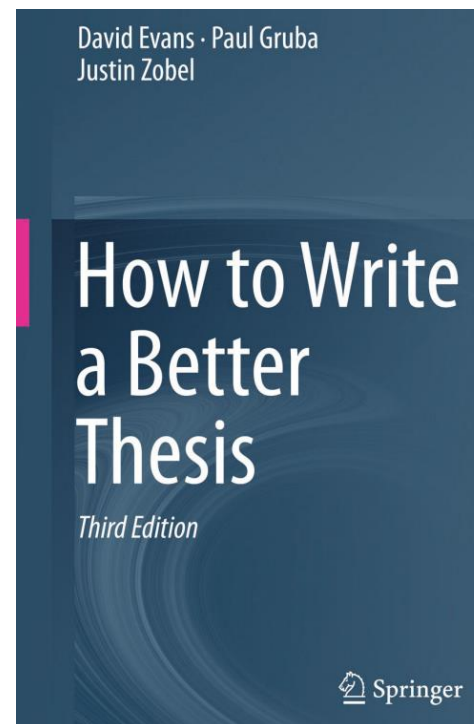
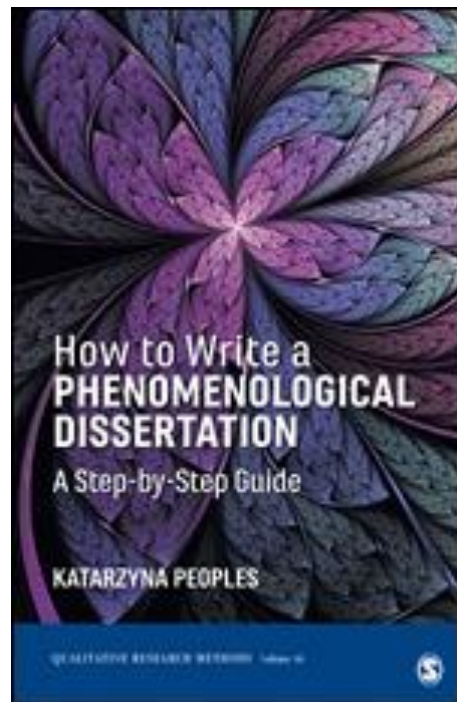
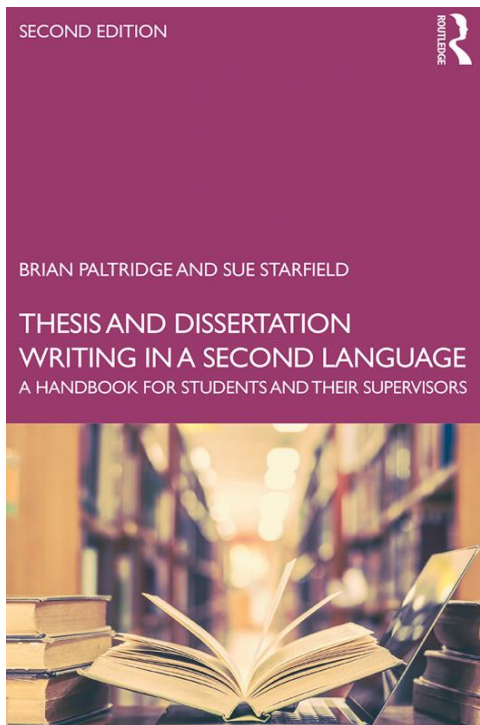
[Make an Appointment](#)

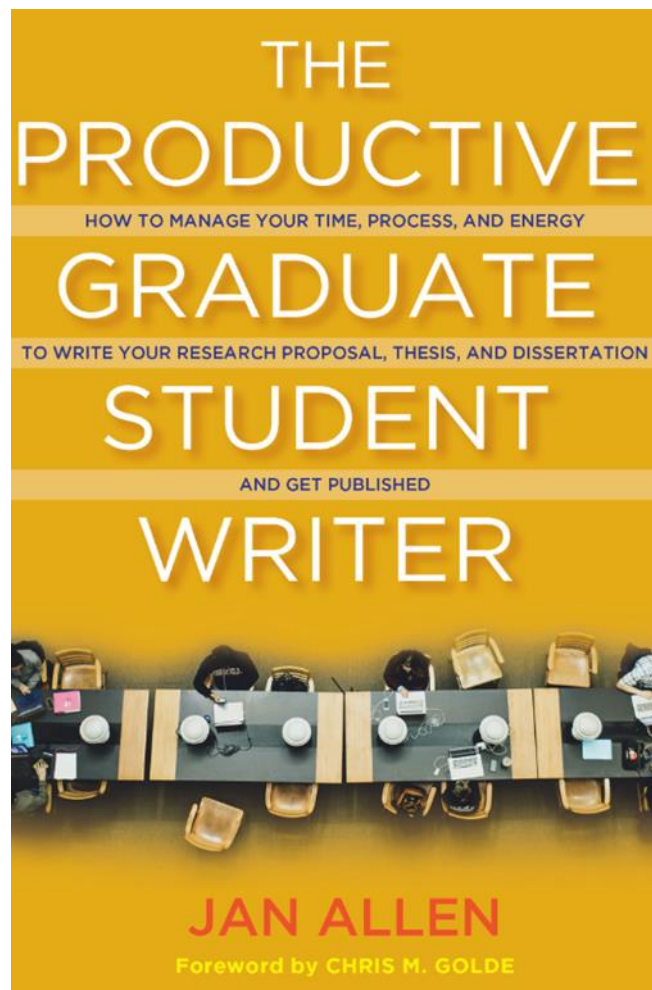


Academic Phrasebank









## 33

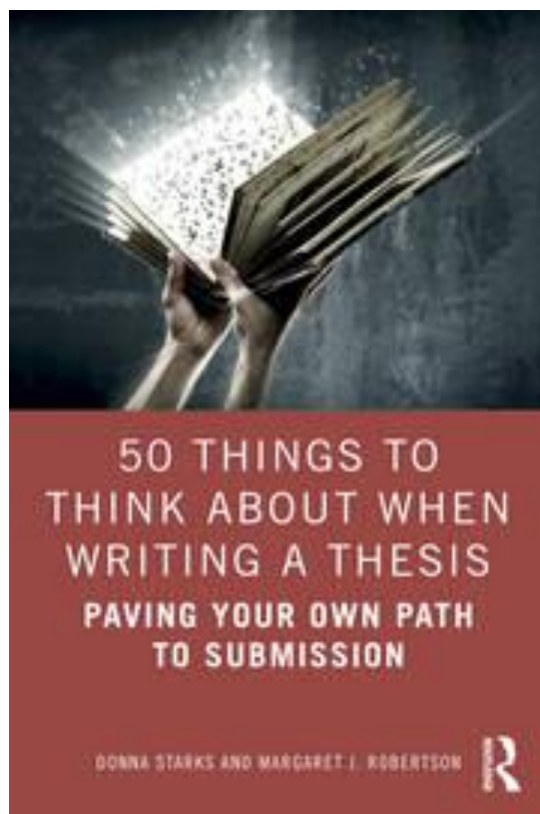
### Writing a Dissertation

*Coming up against a brick wall is what writing often feels like. You work and you work and you work and you work. And for months or years on end, you're just a total dray horse, and then you finally finish something, and the next day you look at it and you think, "How did that get there?"*

—Deborah Eisenberg

If you are ready to begin your research and write your dissertation, then congratulations! You likely have successfully completed your course work. Perhaps you have passed a first- or second-year exam (sometimes referred to as the Q or qualifying exam). Your adviser and graduate committee have approved your proposal (also called a prospectus, usually in the humanities), and you have successfully completed the general or preliminary exam, usually at the end of the third or fourth year of a doctoral program. At the University of Tennessee it's called the comprehensive exam, at Columbia University it's the MPhil exam, at Cornell University it's the A Exam, and at Northwestern University it's the qualifying exam. Regardless of the name of the exam, determine when your adviser expects you to have completed it. Not everyone passes on the first attempt,





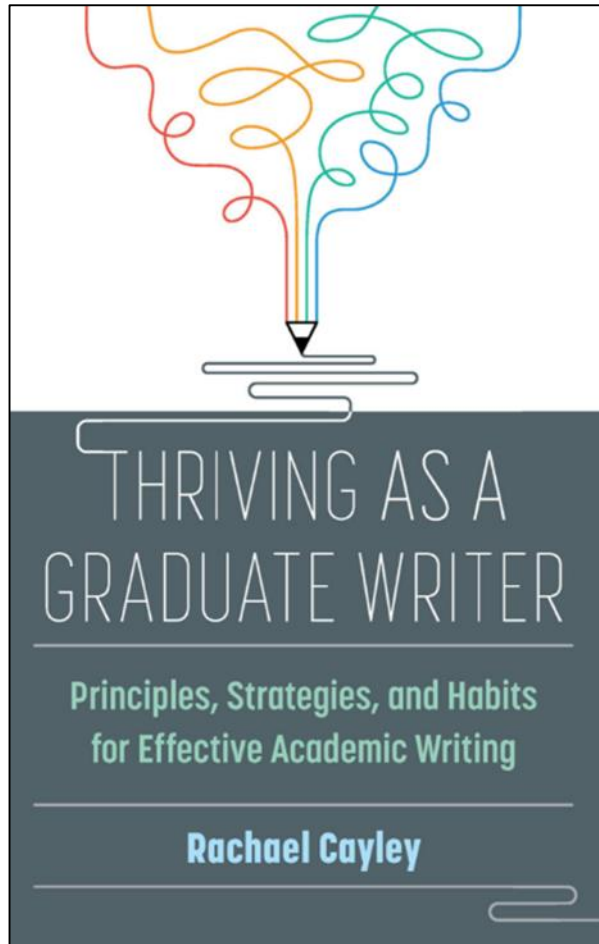
### 36. Authorship: when to use a personal pronoun, 'I/we'

Writing is, at its very core, a form of self-expression,<sup>11</sup> an expression of your thinking. Yet teachers of composition often recommend that if you use a first-person pronoun in your writing, you do so sparingly. This is partly because a key part of understanding writer identity is knowing how explicit to be about inputting aspects of yourself into your writing. When you write 'Starks and Macdonald (2022) provide a *clear* definition of a *key* concept', the words 'clear' and 'key' present the authors' interpretation that the description is 'clear' and that the concept is, in fact, 'key'. To add expressions such as 'I think' or 'we think'<sup>12</sup> when elaborating on the above text would be redundant.

In some cases, whether you use 'I' (or 'we' if writing a thesis by/with one or more co-authored publications) depends on the surrounding text. Expressions such as 'I disagree' can be redundant, but it might not always be. If you want to truly dispute a fact, 'I disagree' might come in handy as it has the potential to yell out to your audience that this is your thinking and in what follows, you will write an argument on a particular topic that you have strong opinions about. The use of 'I' with a strong opinion verb conveys information on how you wish the text to be read.

In other instances, a first-person pronoun can be used to give you control over your argument. Think about differences between 'The three issues are' and 'My three issues are...'. The use of the personal pronoun 'my' shows the reader that you are making selective choices. In other words, it's not every issue under consideration here; it's three points of *my* choosing. It's important to remember, however, that if you use 'my' (or 'our') to restrict your data in this way, you need to state why you are doing so, perhaps in a footnote. See Pointer 29 on the use of footnotes.

The examples discussed thus far are cases where you use one instance of the personal pronoun to make a point. In other circumstances in your thesis, you may use the personal pronoun 'I' throughout the text to achieve an entirely different range of outcomes. The personal pronoun 'I' scattered throughout a section of text can have the effect of making your text more



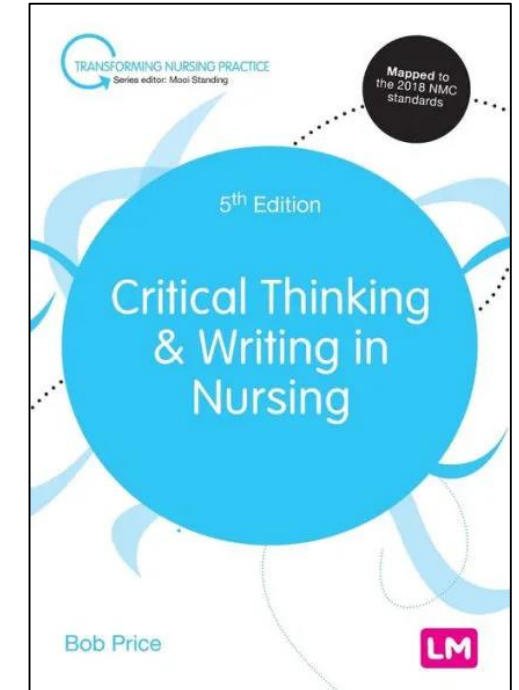
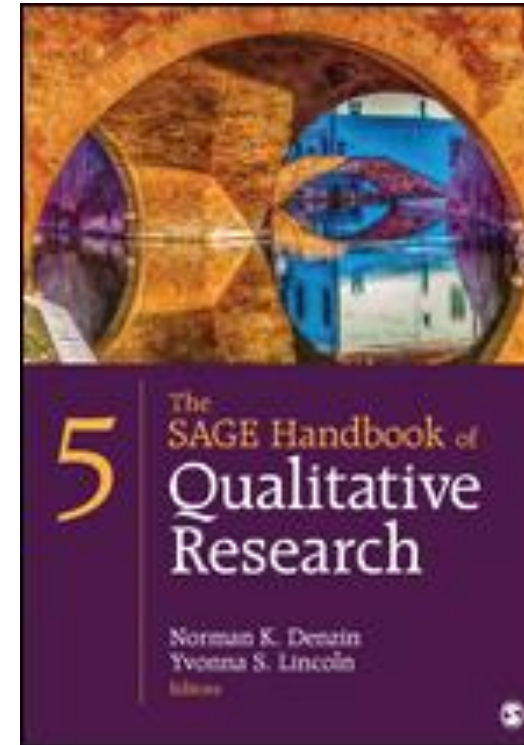
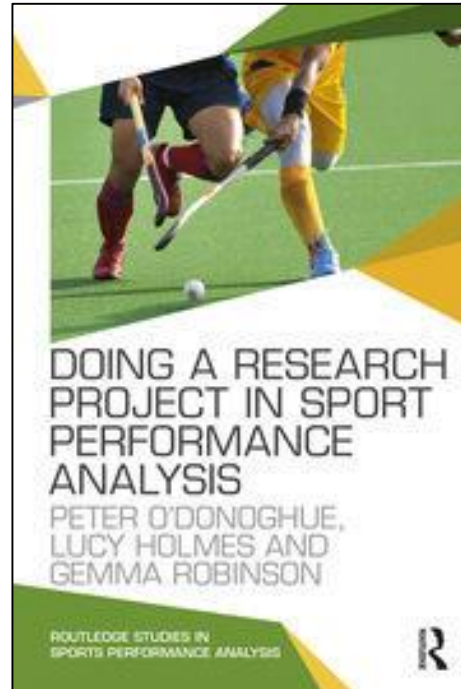
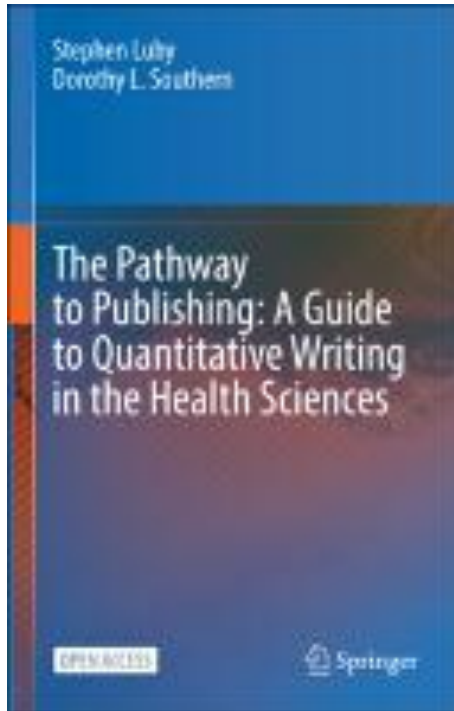
## Writing in Graduate School: Why It Feels So Hard

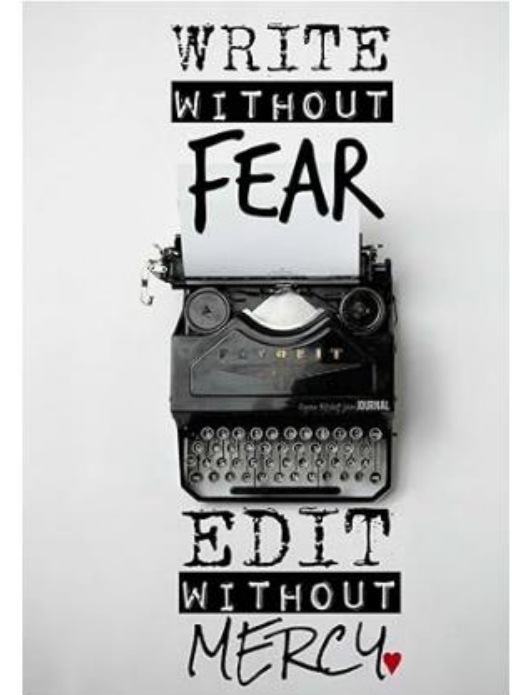
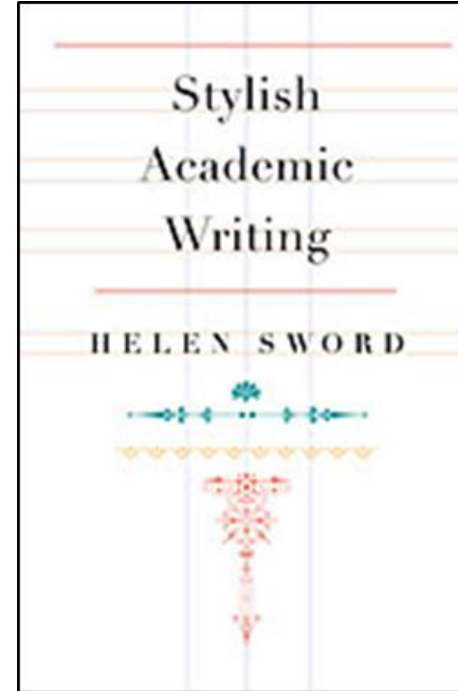
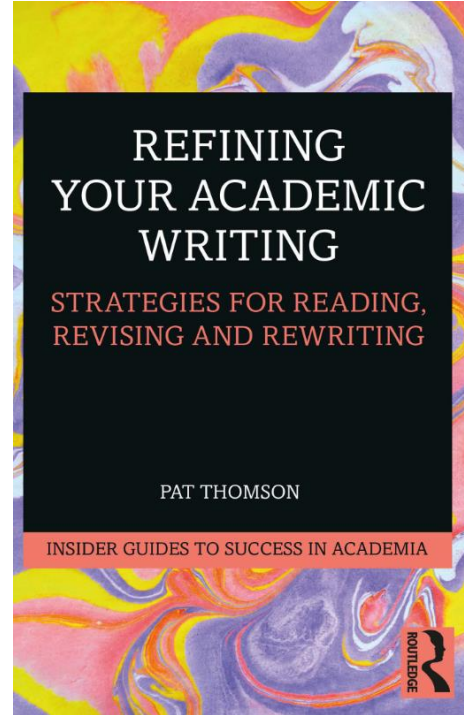
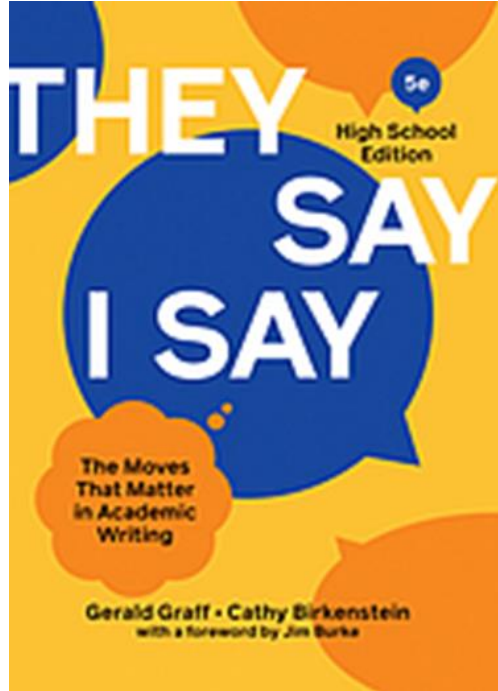
“I feel like I should already know how to write.”

“I feel like my writing difficulties mean I don’t belong here.”

“I feel like I’m alone in my writing struggles.”

“I feel like academic writing can’t be done well.”





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# Where can I get help with seeking information?

Brock Library Evidence Synthesis Research Guide

<https://researchguides.library.brocku.ca/systematicreviews>

Brock Library Research Guides

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Email the Library

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<https://brocku.ca/library/chat/>



Book a Consultation

<https://calendar.library.brocku.ca/appointments/researchconsultation>





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